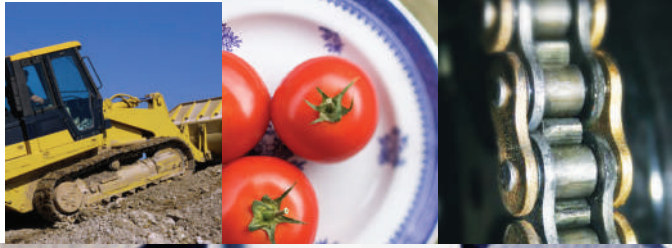


EXTEND EQUIPMENT LIFE.  
REDUCE MACHINERY DOWNTIME.  
IMPROVE PLANT PROFITABILITY.



# X-FACTOR

Full Line

DISCOVER THE X-FACTOR.



JAX INC. is a full-line industrial lubricant manufacturer with expertise in compounding high-end synthetic lubricants, food-grade lubricants, heavy-duty lubricants and general industrial lubricants. With nearly 60 years of industry experience, JAX has earned its reputation as a leader in lubrication technology.

JAX lubricants are compounded with the finest raw materials and additive chemistries in the industry. Formulation decisions are based upon performance and quality which ultimately lead to substantial, verifiable cost savings in terms of extended machine life, reduced downtime and increased production.

XACT Fluid Solutions, JAX newest division, engineers problem-solving solutions for handling and dispensing lubricants—from the arrival on the shop floor right up to the lubrication point. These solutions are not "cookie cutter" programs or equipment. They are well thought-out and designed responses to specific lubrication issues addressed in a professional, engineered manner.

Lubrication technology is a continually evolving science. Products that have worked in the past may not be sufficient to provide adequate lubrication in the future. In order to meet the evolving needs of our customers, we are constantly analyzing the JAX product line for opportunities to improve performance and value. This proactive approach to lubrication allows JAX to provide superior products that meet the ever-changing needs of industry. Our aim is to exceed our customers' expectations.

With a history of unparalleled service and innovative solutions for the industry, JAX stands above the competition in terms of experience, service and technical knowledge.



With a daily blending capacity of nearly 100,000 gallons, we serve a diverse group of end users including:

- Bakeries
- Canneries
- Heavy Construction
- Meat Packers
- Building Materials Manufacturers
- Poultry Processors
- Paper Mills
- Beverage Plants
- Transportation Firms
- Freezing Plants
- Automotive Assembly Plants
- Dairies

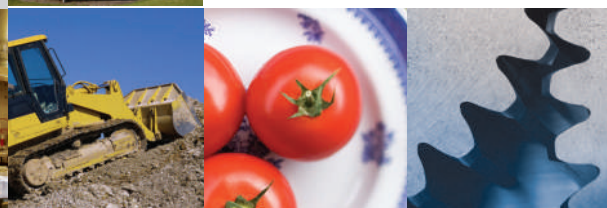
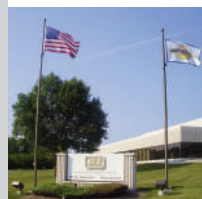
and dozens more...





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## MOTOR OILS



### Titan Motor Oils

**SAE 10W30, 15W40, 30, 50**

These are exceptional heavy-duty diesel engine oils available in both SAE multi-grade and straight grade. Formulated with Group II iso-dewaxed base oils for near synthetic level performance, Titan oils provide maximum protection under severe operating conditions. They have excellent low-temperature flow properties and meet or exceed virtually all of the heavy diesel and gasoline engine manufacturers' specifications.\* Our proprietary additive chemistry has been formulated to control long-term carbon deposit and oil consumption resulting in drastically extended engine life. \*Complete engine and fleet test data is available.

### Maxxum Motor Oil

**100% Synthetic**

**SAE 5W40**

This is a heavy-duty, high-performance synthetic engine oil developed for use under extreme operating conditions in both high-temperature and low-temperature ambient environments. It is fuel-efficient and offers long drain stability in areas where frequent oil drains may be difficult or impossible. Maxxum Motor Oil utilizes the same proprietary additive chemistry as our Titan line for unmatched carbon deposit and oil consumption control characteristics. Its proprietary blend of synthetic base oil technology provides unsurpassed engine cleanliness.

### Premium NGEO

This new product, JAX Premium NGEO (Natural Gas Engine Oil), delivers continuous protection in natural gas engines calling for an SAE 40, low-ash lubricant. JAX Premium NGEO substantially extends engine and oil life, while providing exceptional wear and corrosion protection, clean engine operation and reduced operating costs.

### Platinum PCMO Series

**Platinum PCMO Synthetic Series 100% Synthetic**

**SAE 0W20, 0W30, 5W20, 5W30**

JAX Platinum PCMO Series oils are premium, advanced formula motor oils designed to lubricate the engines of today's gasoline and ethanol (up to E85) fueled passenger cars, vans, CUVs, SUVs and light-duty trucks.

## GEAR LUBRICANTS



### INDUSTRIAL GEAR LUBRICANTS:

#### Multi-Purpose Gear Oils

**H2**

**SAE 85W90, 85W140**

These are heavy-duty, fully compounded, automotive gear oils developed for use in construction, heavy trucking, mining and agricultural machinery. They meet the requirements of Mack GO-J and MIL-PRF-2105E, GL-4, GL-5, and MT-1 manual transmission specifications. They have excellent thermal stability, meet the limited slip requirements and incorporate clean gear technology.

#### Syngear-GL Gear Oils

**100% Synthetic**

**SAE 75W90, 80W140**

Syngear-GL are heavy-duty, GL-2 through GL-5 are pure synthetic gear lubricants. They can be used in any truck differential or transmission where GL-2 through 5, Mack GO-J and GO-J Plus is specified. They have the advantage of very long drain intervals under severe ambient conditions. They are fuel efficient under all conditions, especially at very low temperatures. These gear oils can also be used in a wide variety of off-highway and industrial applications where standard mineral-based fluids are not satisfactory.

#### H-P Industrial Gear Oils

**H2**

**ISO 68, 100, 150, 220 320, 460, 680**

These are high quality, mineral-based gear oils that meet the specifications of AGMA for industrial gear oils. They range from 2 EP through 8 EP and can be used in bevel, helical, herringbone, spur and worm gear units. They offer superior antiwear, antifoam, and excellent water separation properties.

#### Synax EP Industrial Gear Oils 100% Synthetic, H2

**ISO 150, 220, 320, 460, 680**

These synthetic gear oils are manufactured from shear-stable, high quality 100% synthetic base oils and are fortified with the most advanced additive technology available to deliver the highest levels of performance in industrial gear applications. Compatible with mineral gear oils, synthetic gear oils, and seals. These gear oils preserve new seals, prevent leaks, and help rejuvenate old, brittle seals.

#### Worm Gear Lube XC - ISO 460

**H2**

JAX Worm Gear Lube XC is a premium lubricant designed and recommended for use in enclosed worm gearbox lubrication and steam cylinders. It is especially suitable for splash-lubricated, heavy-duty, enclosed worm gear sets and steam cylinders that are subjected to high steam pressures and superheating. The film-forming abilities and thermally-stable base stocks provide superior performance in these applications.

#### Super Cylinder Oil

This fluid is made from high-viscosity-index base oils compounded with acidless tallow and other additives. It is recommended in steam cylinders, enclosed worm gear drives, compressor cylinders above 3000 psi, heavy gears at low RPMs, enclosed chains and applications which call for an AGMA 8 Compounded Oil.

## GEAR LUBRICANTS *continued*

### Magna-Plate® PIV Gear Oils 100% Synthetic ISO 68, 100, 150

These are 100% synthetic, friction-modified gear oils formulated for exceptional performance in PIV continuous variable drive applications. The frictional characteristics of our exclusive additive chemistry and the long-drain-capable synthetic base fluids will dramatically increase the component life of these expensive and exotic power transfer drives, greatly reducing downtime and costly overhauls.

### Magna-Plate® Gear Oils 90, 140, 90MV, 140MV

Magna-Plate Gear Oils are fully formulated automotive/industrial gear oils with Molybdenum additives to enhance the anti-scuff and antiwear properties. They were developed as energy-saving gear lubricants for use in truck differentials. They can also be used in any industrial application where operating conditions are severe and temperature reduction or energy conservation is a goal.

### Syngear Industrial Gear Oils 100% Synthetic, H2 ISO Grades 22 through 680

These gear oils are made from 100% high-quality synthetic base stocks and premium additive systems. They prevent wear and protect equipment by maintaining viscosity, resisting thermal and oxidative breakdown, incorporating antiwear additives, preventing rust, and resisting the degrading effects of water.

### Perma-Gear Synthetic ISO 100, 150, 220, 320, 460, 680

JAX Perma-Gear Synthetic Gear Oils are state-of-the-art fluids incorporating the latest developments in 100% synthetic industrial lubrication technology. These fluids exhibit extremely high viscosity indices, improved lubricity and provide meaningful energy savings in gearbox applications.

## FOOD-GRADE GEAR LUBRICANTS:

### Magna-Plate® FG ISO Gear Oils ISO 220FG, 320FG, 460FG



These gear oils are semi-synthetic, white oil-based with sheer stable V.I. modifiers. As a result, they can be used in gearbox applications previously thought to be too severe for food-grade lubricants. The superior operating characteristics provide reduced operating temperatures, reduced friction, and minimal gear wear. The high film strength offers excellent lubricity for spur, helical, spiral, bevel, planetary and worm gears.

### Magna-Plate® 320FG-HG3



JAX Magna-Plate 320FG-HG3 is manufactured from shear-stable, high quality white oils and 100% synthetic base oils and is fortified with the most advanced additive technology available to deliver the highest levels of performance in food-grade industrial gear application. While specifically designed to provide unequalled corrosion protection, Magna-Plate 320FG-HG3 also reduces maintenance costs by extending drain intervals and providing enhanced protection against wear and pitting.

### Perma-Gear FG Fluids ISO 150, 220, 320, 460, 680



JAX Perma-Gear FG Fluids are state-of-the-art fluids incorporating the latest developments in 100% synthetic food plant lubrication technology. The base fluids used are linear polymers of ethylene and propylene oxide, commonly known as Polyalkylene Glycols. These fluids exhibit extremely high viscosity indices, improved lubricity and provide meaningful energy savings in gearbox applications.

### Cylinder Oil-FG



This state-of-the-art gear oil incorporates the latest developments in food-grade lubrication technology. With reduced operating temperatures, reduced friction and minimal gear wear, it can be used in gearbox applications previously thought too severe for food-grade lubricants.

### Flow-Guard Synthetic Fluids 100% Synthetic ISO Grades 150 through 680



JAX Flow-Guard Synthetic Series food-grade fluids are compounded with 100% PAO base fluids and the best available additive technologies to provide superior performance over any competitive food-grade lubricating oils. In addition to their outstanding gearbox performance, these products satisfy many other lubrication requirements in food-processing environments. They contain an effective combination of antiwear agents, rust inhibitors, and polymeric viscosity improvers that provide outstanding long-term wear advantages over other food-grade oils, while their robust antioxidant chemistry ensures long-drain, deposit-free operation.

### FGG-AW Gear Oils



### ISO 150, 220, 320, 460

FGG-AW Series food-grade gear oils are shear-stable, long-life lubricants based on high quality, USP white mineral base oils. They contain proprietary, optimized combinations of antiwear agents, rust inhibitors, and polymeric viscosity improvers that provide outstanding long-term wear advantages over other food-grade gear oils.

## HYDRAULIC FLUIDS



## INDUSTRIAL HYDRAULIC FLUIDS:

### Premium Hydraulic Oils

H2

### ISO 22, 32, 46, 68, 100, 150

These oils are specially blended with high VI base oils for maximum stability and long life. They contain the maximum recommended percentage of antiwear and extreme-pressure additives for long pump and valve life. The oxidation and corrosion inhibitors are tailored to the high viscosity index, paraffinic base oils. JAX Premium Hydraulic Oils are for all types of hydraulic pumps operating under the most severe conditions.

### Hydra-Plate Fluids

H2

### ISO 22, 32, 46, 68, 100, 150, 220, 320, 460

These hydraulic fluids have a unique, ashless antiwear additive that offers pump and valve protection in a wide variety of applications. These hydraulic oils have very good water separation and they withstand much higher temperatures than fluids with conventional antiwear additive systems. Hydra-Plate fluids are suitable for compressor use where 'zinc-free' oils are required.

### Premium Hydraulic Oil-Type Z

H2

### Hydra-Plate Fluid-MV

These are multi-viscosity oils with a shear-stable polymer that will stay "in grade" for thousands of hours under the most severe conditions in a variety of hydraulic system applications. They contain antiwear additives that protect pumps and motors at both high speeds and high pressures. Type Z and Hydra-Plate MV are ideally suited to machinery in severe cold weather or processing plants subject to wide swings in ambient temperature conditions. JAX Hydra-Plate MV contains a non-zinc antiwear package.

## HYDRAULIC FLUIDS *continued*

### Enviro-Guard Hydraulic Fluids 100% Synthetic ISO 15, 46

Enviro-Guard Hydraulic Fluids are fully-treated antiwear, antifoam, and rust & oxidation inhibited oils blended from the high-quality synthetic ester base stocks with excellent stability and high viscosity index. The premium additive package provides outstanding thermal stability, excellent rust prevention and antiwear capabilities, and good demulsibility properties.

### Aero-Plate 5606

Aero-Plate 5606 is a premium quality hydraulic fluid with excellent stability and an exceptionally high viscosity index. Because of its resistance to viscosity change with temperature, it is recommended for equipment that is subject to wide temperature variations.

### Marine-Guard Blue Series ISO 22, 32, 46, 68, 100

JAX Marine-Guard Series antiwear hydraulic oils are shear stable, long-life lubricants manufactured using the highest quality white mineral oil basestocks. They pass the U.S. Coast Guard Static Sheen Test requirements (as defined in 40 CFR Part 435, Subpart A, Appendix 1). Additionally, JAX Marine-Guard hydraulic oils are non-toxic to aquatic/marine life [as determined by U.S. EPA testing of *Pimephales promelas* (fathead minnow), *Oncorhynchus mykiss* (rainbow trout) and *Mysidopsis bahia* (shrimp) see EPA EPA-821-R-02-012].

## FOOD-GRADE HYDRAULIC FLUIDS:

### Magna-Plate® 60, 62, 64, 66 ISO 32, 46, 68, 100



America's Finest Food-Grade Hydraulic Fluids can be used in a variety of applications where an NSF H1 fluid is required. They are food-grade, Group II white mineral-based oils containing rust and oxidation additives and excellent antiwear protection. They are fully tested and OEM-approved for hydraulic systems, and are recommended for compressors and gear systems requiring food-grade oils.

### FGH-AW Series Hydraulic Oils ISO 32, 46, 68, 100



These compounded food-grade hydraulic oils were developed to satisfy several lubrication requirements in modern food-processing environments. These oils contain an effective combination of antiwear agents and rust inhibitors that provide performance advantages over non-compounded white oils. They will extend the life and lubrication intervals of costly equipment.

### Flow-Guard Synthetic Fluids 100% Synthetic ISO Grades 22 through 100



JAX Flow-Guard Synthetic Series food-grade hydraulic fluids are compounded with 100% PAO base fluids and the best available additive technologies to provide superior performance over any competitive food-grade lubricating oils. They contain an effective combination of antiwear agents, rust inhibitors, and polymeric viscosity improvers that provide outstanding long-term wear advantages over other food-grade hydraulic oils, while their robust antioxidant chemistry ensures long-drain, deposit-free operation.

### Pyro-Guard FG 46 100% Synthetic



JAX Pyro-Guard FG 46 is a biodegradable, fire-resistant (FM Approved per Approval Standard 6930), premium food-grade (NSF H1) synthetic lubricant that provides outstanding performance in hydraulic and circulation systems.

## TRANSMISSION FLUIDS



## INDUSTRIAL TRANSMISSION FLUIDS:

### Multitran III ATF Fluid

H2

Multitran III A.T.F. is a multipurpose power transmission fluid formulated to provide unmatched performance in most car and truck automatic transmissions, power steering systems and hydraulic systems. It meets the Ford Mercon and General Motors Dexron III specifications and is also a qualified power shift transmission fluid for all Allison transmissions.

### Powertran Fluids SAE 10, 30, 50

This product in three viscosity grades was specifically developed for power shift transmissions manufactured by Caterpillar, Allison and Clark equipment companies and can be used in transmissions and hydraulic applications where motor oils are suggested. These fluids are recommended as heavy-duty hydraulic fluids in construction and mining machinery. They can also be used to lubricate Sullair rotary screw compressors.

### Unitran® Fluid HD, HD-Red, HD (Filtered)

H2

Unitran Fluid is a new-generation, premium hydraulic transmission fluid that meets and exceeds the requirements for farm and industrial tractor power train fluid. It is compatible with all of the known brands of universal tractor fluid so it can be used to top off fluids in service. Over 200,000 hours of field tests have shown that JAX Unitran exceeds OEM's standards for wear, chatter, brake capacity, PTO performance and filterability. (Unitran Fluid HD Red is Unitran Fluid HD with red dye added.)

## FOOD-GRADE TRANSMISSION FLUIDS:

### Unitran® FG



Unitran FG is the next generation NSF H1 food-grade hydraulic/power transmission fluid designed for use in a wide range of power-drive, farm and orchard equipment, such as grape and cranberry harvesters. It surpasses OEM standards and performance requirements for wear, chatter, brake capacity, PTO performance and filterability in a variety of transmission and hydraulic applications.

## CHAIN & CONVEYOR LUBRICANTS



## INDUSTRIAL CHAIN & CONVEYOR LUBES:

### Chain Drive Pin & Bushing Lube

H2

This product is compounded for severe industrial applications, including high loads and ambient conditions that can cause premature wear and failure to heavy-duty industrial chains.

### Magna-Plate® 200; ISO 46, 150

### Magna-Plate® 200 NM; ISO 46, 100

This is a premium product compounded for severe industrial applications where high loads and ambient conditions cause premature wear and failure to heavy-duty industrial chains. Magna-Plate 200 NM is a high-performance version formulated without moly.

# CHAIN & CONVEYOR LUBRICANTS *continued*

## Super-Cling Chain Lube with PTFE **H2**

This specially formulated lubricant is the tackiest, most viscous, chain lube blended by JAX. It includes E.P. additives, antiwear agents, rust and oxidation inhibitors and tackifiers. For added protection and enhanced friction-reducing properties, suspension-grade solid-film PTFE has been added.

## Magna-Kote® MLD, S3D

JAX Magna-Kote MLD is a bonded moly disulfide-based lubricant in a rapid evaporation-rate carrier. In the dry-film state, JAX Magna-Kote MLD bonds to the surface and withstands extreme temperatures without concerns of flash points and fire points. JAX Magna-Kote S3D utilizes an advanced organo-molybdenum additive system to provide molybdenum-enhanced performance to systems such as centralized lubrication systems that are unable to utilize lubricants containing molybdenum disulfide (MoS<sub>2</sub>) solids.

## Magna-Kote® 412 **H2**

This is a bonded 'dry-film' moly disulfide-based conveyor lubricant for high-temp applications. The carrier flashes or evaporates off at low temperatures, leaving bonded 'dry film' lubrication.

## Magna-Kote® 990 **100% Synthetic, H2 ISO 68**

JAX Magna-Kote 990 provides unsurpassed performance in the field of synthetic conveyor lubes. It is the finest high-temp synthetic oven chain lubricant available for applications up to and exceeding 650°F (343°C). It provides extreme chain cleanliness, low volatility and excellent antiwear protection. It is highly effective in transporting contaminants to the filtration system for removal.

## Forming Chain Oil **H2**

JAX Forming Chain Oil is a specially compounded lubricant designed for fiberglass-forming conveyor chains operating in ambient to elevated temperature and extremely corrosive environments. It combines superb antiwear and load-carrying abilities with unsurpassed rust and corrosion resistance for use in areas experiencing elevated levels of wear, rust and corrosion.

## Pyro-Kote® Series Oils **100% Synthetic, H2 ISO 32, 68, 220**

These synthetic high-temperature lubricating oils provide exceptional antiwear performance while incorporating the highest quality synthetic base fluids to maximize useful life at elevated temperatures. These oils are the primary recommendation for use on dryers, heatsetting machines, tenter frames, oven conveyors and chains, or wherever a lubricant with exceptional high-temperature performance is required.

## Pyro-Kote® WPV **100% Synthetic ISO 220**

Pyro-Kote WPV is a specialized extreme high-temperature 100% synthetic chain & conveyor lubricant.

## Magna-Kote® 1020 Series **100% Synthetic ISO 150, 220**

These are water-soluble high-temperature 100% synthetic conveyor lubricants for use in areas where compatibility with water-based paints and coatings is of primary importance. They provide excellent ashless performance at high temperatures, allowing conveyors to run cleanly, without carbon abrasives or residues that adversely affect conveyor chain life.

## FOOD-GRADE CHAIN & CONVEYOR LUBES:

### Magna-Plate® 76, 78, 78 E



The food industry standards for high-performance antiwear oil lubrication. Heavy, tackified, antiwear and extreme-pressure food-grade oils for positive protection on overhead chains and conveyors, can seamers, in circulating and drip systems, on can lid cams, or anywhere an NSF H1 lubricant film is needed.

### Proofer Chain Oil



This lubricant is specially compounded for lubrication in high humidity environments. It is formulated to provide extreme high performance on bakery proofer chains and other food-processing equipment.

### Magna-Plate® 80, 86, 88 **100% Synthetic** **Extreme Low Temperatures**



These synthetic fluids are formulated with antiwear, rust inhibitor and "non-drip" additives for freezer chain and conveyor lubrication. The base fluids are food-grade synthetic oils with pour points as low as -90°F (-68°C). These fluids have excellent penetration properties.

### Conveyor Glide Series



This USP white mineral oil-based lubricant provides exceptional wear and corrosion protection and non-drip performance in NSF H1 and Kosher trolley applications throughout the meat and poultry industries.

### Pyro-Kote® FG Series **100% Synthetic** **ISO 68, 220, CST 350**



Formulated for food-grade applications, these synthetic high-temperature lubricating oils provide exceptional antiwear performance while incorporating the highest quality synthetic base fluids to maximize useful life at elevated temperatures. These oils provide exceptional high-temperature performance.

### Trolley Glide FG-3H



JAX Trolley-Glide FG-3H is a no-compromise, direct food-contact, state-of-the art trolley lubricant for food processing plants demanding the ultimate in conveyor performance and cleanliness.

## COMPRESSOR OILS



## INDUSTRIAL COMPRESSOR OILS:

### Syncomp-P Fluids **100% Synthetic** **ISO 22, 32, 46, 68, 100, 150**

These are 100% synthetic compressor lubricants compounded with PAOL technology. JAX Syncomp-P Fluids are designed for use in flooded screw compressors and many other mineral oil-lubricated compressor applications. They exhibit excellent low- and high-temperature characteristics, extended drain intervals and good compatibility with mineral oils.

### Syncomp-D Fluids **100% Synthetic, H2** **ISO 32, 46, 68, 100**

These are the finest high-performance, synthetic diester fluids available for lubricating all types of compressors. They offer extended drain intervals and compressor life, and reduce routine maintenance of the compressor. They leave minimum deposits on valves of reciprocating compressors, and have excellent antiwear properties. JAX Syncomp-D fluids are especially effective in sliding vane and rotating screw compressors operating under severe conditions.

## COMPRESSOR OILS *continued*

### Cryoguard Plus Fluids

H2

ISO 32, 68

These are state-of-the-art premium paraffinic refrigeration compressor fluids with excellent low-temperature properties. They are specifically compounded for use in ammonia refrigerant compressors. JAX Cryoguard Plus Fluids also exhibit exceptional stability at high temperatures, provide extended equipment life, and are compatible with the seals found in refrigeration systems.

### Syntec Ammonia Compressor Oils

100% Synthetic, H2

ISO 32, 68

This ammonia compressor oil is designed to replace conventional refrigeration compressor oils in extreme low-temperature applications. It is suitable for ammonia compressors that call for mineral or synthetic oil. Other lubricants often used in compressor applications include Hydra-Plate Fluids, Multitran III, and Magna-Plate 62, 64, 66.

### Syn-Air PGE

100% Synthetic

ISO 22 Plus, 32, 46

JAX Syn-Air PGE fluids are formulated to provide superior performance and extended drain capabilities in rotary screw compressors. Formulated to provide 8000+ hour drain intervals, these fluids can be run continuously for one year, eliminating fluid- and labor-related downtime costs. JAX Syn-Air PGE fluids are fully formulated synthetic compressor fluids containing no petroleum-based products.

### Premium R-P Oil HT

H2

This oil is specially compounded to alleviate the sludge, carbon deposit and contamination problems in industrial vacuum pumps and auxiliary booster blowers. It is a star performer in areas of high contamination such as packing plants. Long-term high-temperature oxidation resistance provides greatly extended drain intervals and prolonged equipment life.

## FOOD-GRADE COMPRESSOR OILS:

### Flow-Guard Synthetic Fluids

100% Synthetic



ISO Grades 22 through 680

These compressor oils are made from high quality, shear-stable 100% synthetic NSF H1-registered base oils. They provide long compressor life through reduced component wear, corrosion protection, water resistance and lubricant breakdown resistance.



COMPRESYN® by JAX is a completely new line of FG-H1 100% synthetic and partial synthetic compressor and vacuum pump fluids blended with innovative, patent-pending formulation technologies for the food, drug and beverage packaging industries.

### COMPRESYN® 550 Series

100% Synthetic



ISO 32, 46

High-performance, varnish free 100% synthetic PAG-Ester Compressor Fluid for simple, drop-in replacement of similar non-food-grade type fluids.

### COMPRESYN® 545 Series

100% Synthetic



ISO 46, 100

Patented revolutionary FG-H1 100% Tri-Synthetic fluids for extended, long drain performance in compressor and vacuum pump applications.

### COMPRESYN® 405 Series

100% Synthetic



ISO 32 through 150

Food-Grade, 100% synthetic PAO-based compressor/vacuum pump fluids with high temperature and extended drain capabilities.

### COMPRESYN® 250 Series

100% Synthetic



ISO 46, 100

Patent-Pending, FG-H1 partial synthetic-based compressor/vacuum pump fluids with new, advanced technology food-grade synthetic component for cleanliness and long drain capabilities.

### COMPRESYN® NH3

Semi-Synthetic



ISO 68

Partial synthetic, FG-H1 Food-Grade, Napthenic Compatible, Ammonia Refrigeration Compressor Oil formulated for extended life performance in all systems currently using naphthenic based refrigeration oils.

### COMPRESYN® Flush Fluid

100% Synthetic



C-46, V-100

Partial synthetic compressor and vacuum pump flushing fluids for cleaning and changeover flush procedures.

## SPECIALTY FLUIDS



### INDUSTRIAL SPECIALTY FLUIDS:

#### Premium Peeler Oils

H2

ISO 46, 100

This oil is blended for use in Atlas-Pacific peeler oil reservoirs. A high degree of rust and wear protection combined with good demulsibility properties allows easier draining of water and contaminants.

#### Magna-Plate® 2000

H2

This is a high viscosity cooker oil with polymer tac additive, emulsifying agent, and a high percentage of antiwear additives. It is specially compounded for JBT continuous cookers/sterilizers and steam peelers with Manzel® lubricators.

#### Magna-Plate® 2100

H2

The next generation of cooker oils, Magna-Plate 2100 is a high-temperature, non-zinc JBT-approved rotary cooker/sterilizer oil. Benefits include greatly reduced wear and corrosion deposits on bronze packing strips.

#### Canduo Lubricant

H2

JAX Canduo Lubricant is an emulsifiable lubricant concentrate for use in continuous cookers. It provides the dual benefits of greatly decreased mechanical wear to cooker components and reduced deposits from can and lid coatings.

#### Air Tool/Rock Drill Oils

H2

SAE 10, 30, 50

These fluids are excellent lubricants for pneumatic and extreme-pressure applications. Formulated to minimize wear and scoring of sliding mechanisms in rock drills, JAX Air Tool/Rock Drill Oils contain a highly effective water-absorbing agent to prevent condensation from displacing the lubricant on the metal surfaces. Recommended for use in pneumatic tools of all types.



## FOOD-GRADE SPECIALTY FLUIDS:

### Therma-Flo Series ISO 22, 32

JAX Therma-Flo Series are high quality heat transfer fluids for use in closed-loop, liquid-phase heating and cooling systems to 600°F (316°C). The JAX Therma-Flo Series are extremely pure colorless products, free of aromatics, polar compounds and sulfur. Key benefits include: superior thermal and oxidative stability, high purity Group II+ base oils, high energy efficiency, non-fouling and food-grade. These properties create distinct advantages in a wide variety of heat transfer fluid applications.



### Packer Oil 22

JAX Packer Oil 22 with Micronox® is NSF-H1 registered. Use this food-grade oil for all areas of lubrication and oil spray-down which may be exposed to incidental contact with a processed food, drug, cosmetic or beverage product. Not 3H qualified.



### Magna-Plate® 72, 74

These fluids are NSF H1 food-grade oils for industrial air line lubrication. They provide excellent antiwear protection for air motors and components. Magna-Plate 74 contains a high degree of rust inhibitors and emulsifiers to enhance performance in areas of water contamination.



### Magna-Plate® 78, 78E Fluids

These fluids are USP white mineral oil-based partial synthetic lubricants that utilize a proprietary additive system and synthetic polymer technology to provide exceptional wear and corrosion protection in numerous food and beverage industry machinery applications, including can seamer lubrication, meat conveyors and general lubrication applications.



### Angel-Guard® Seamer Fluids 100% Synthetic 100D, 150D, E, E-LT

These high-performance fluids will provide enhanced wear protection and long fluid life for high-speed beverage can seamers manufactured by Angelus Sanitary Can Machine Company. Four formulations are available to handle the variety of products packaged with Angelus Seamers. All incorporate Micronox®, JAX antimicrobial technology for enhanced product protection for these products.



### Premium Pitter Oil

This state-of-the-art lubricating oil uses the latest developments in food-grade technology, and provides a protective film on all metal surfaces, even in extreme water washdown environments. It contains Micronox® to provide antimicrobial protection for the product.



### Magna-Plate® 2000FG

An NSF H1 food-grade lubricating oil for use in JBT continuous cookers and JBT and Odenberg steam peelers. Eliminates rubbery deposits, clogged lines and gummed check valves. A special polymer helps Magna-Plate 2000FG cling to metal surfaces even after shutdown, reducing metal-to-metal contact on start-up.



### Magna-Kote® SDO

Magna-Kote SDO is a specially formulated emulsion that dissolves sugar, making it the perfect choice for lubricating areas that can be affected by the presence of sugar. It provides enhanced antiwear performance and corrosion resistance in a ready-to-use aqueous solution.



### Silicone Fluid 350

This 100% silicone fluid is a clear, water-white dimethylpolysiloxane fluid for food-grade applications. Used on sealing, packaging and forming equipment, this fluid reduces abrasion and sticking, and effectively releases many plastics, glues, adhesives and other materials.



### Grinder Glide FG-3H

JAX Grinder Glide FG-3H is a direct food contact, grinder lubricant for food processing plants demanding the ultimate in grinder performance and cleanliness.



## METALWORKING & WAY LUBRICANTS



## INDUSTRIAL METALWORKING & WAY LUBRICANTS:

### Way-Tac Fluids

H2

#### ISO 46, 68, 100, 150, 220

These are heavy-duty way lubricants developed to lubricate sliding ways in various machine tools. They have specific additives that enhance the adhesiveness of the oil in the ways. They are tacky and practically eliminate slip-stick chatter in sliding ways. Several viscosity grades cover a wide range of high speed-low speed applications.

### Tool Life Cutting Oil

This is a completely new approach to producing the finest precision work in all types of alloy material tapping, drilling and reaming. Tool Life has been used successfully on stainless steel 300-400 series, aluminum, brass, soft copper, high carbon steels, magnesium, beryllium, copper, titanium, phosphor bronze, chrome-moly and many plastics.

## FOOD-GRADE METALWORKING & WAY LUBRICANTS:

### Syn-Form ISO 150FG

100% Synthetic



This high-temperature, 100% synthetic-based fluid is compounded for lubrication of metal-forming operations. This lubricant has excellent antiwear properties and exhibits good metal adhesion.

### Magna-Kote® 467 FG



This metal-forming lubricant has exceptional metal-wetting characteristics and provides improved finish, minimizing burning and preventing loading of forming components. Developed specifically for use in can-beading and can-flanging machines, it meets the demanding lubrication requirements of all types of can-manufacturing equipment wherever an NSF-H1 registered lubricant is required.

### FGH-AW ISO 100-TC



This is a compounded food-grade oil developed to satisfy several lubrication requirements in modern food-processing environments. It contains an effective combination of antiwear agents, rust inhibitors and adhesion characteristics that provide performance advantages over non-compounded white oils.

### Aqua-Guard FG



Aqua-Guard FG is a state-of-the-art metal-forming lubricant incorporating the latest developments in food-grade lubrication technology. It is specially formulated and tested for use in Crown Presses for manufacturing sanitary ends. It also has been used in can-beading and can-flanging machines, and other can-forming equipment.

# GREASES



## FOOD-GRADE GREASES:

### Magna-Plate® 8

This is a general-purpose NLGI #2 food-grade grease. It has excellent water resistance and lubrication qualities. Good oil bleed characteristics at low ambient temperatures make it ideal for small, high-speed bearings.



### Magna-Plate® 22 Extreme Low Temperature

100% Synthetic



This is a unique 100% synthetic grease formulated for freezers and other applications where temperatures can approach -50°F (-46°C) and lower. It has excellent wear and rust protection in an extremely pumpable grease.

### Magna-Plate® 44-0, 44-1, 44-2

JAX Magna-Plate 44-0 is an Advanced Technology NLGI #0 food-grade grease formulated for centralized lubrication systems on high-speed can-closing equipment and other food-, drug- or beverage-processing machinery using centralized greasing. Magna-Plate 44-1 and 44-2 are heavier versions of the same grease for hand-greasing applications. Enhanced antiwear protection, excellent pumpability and low bleed characteristics help extend equipment life. Superb water resistance and rust protection make Magna-Plate 44 greases ideal in areas of high washdown or water contamination.



### Poly-Guard FG®-LT, FG-2

Food-grade lubricating greases that provide performance levels higher than anything the industry has ever seen. Poly-Guard FG® has a new advanced technology thickener, greatly enhanced rust protection, and one of the highest levels of E.P. and antiwear performance available. Other features include excellent pumpability, separation control, and easier clean-up for sanitation.



### Halo-Guard® FG Series FG-00, FG-LT, FG-2, FG-PM

This series of revolutionary food-grade greases is manufactured with an advanced, proprietary calcium sulfonate complex thickener. This newly enhanced thickener technology provides exceptional mechanical stability, very high load-carrying (E.P.) ability and remarkable rust and corrosion control. In addition, JAX Halo-Guard FG has excellent water resistance and outstanding high-temperature performance abilities. This technology is combined with a new high viscosity, partial synthetic food-grade base fluid to make JAX Halo-Guard FG the best high-performance, food-grade grease for heavily-loaded applications. This is a true high-performance, plant-wide food-grade grease.



### Halo-Guard® NZ-LT, NZ-2

The Halo-Guard NZ Series has all the performance benefits of our Halo-Guard FG Series but this formulation is manufactured without zinc.



### Clear-Guard FG-2

This translucent grease was compounded with a special high-temperature polymer that will cling to metal surfaces under the most severe conditions. Water, salts, heat and chemicals will not affect performance, and it resists sling and channeling under high-speed or high-temperature conditions.



### Gear-Guard FG

100% Synthetic



This is a new technology food-grade open gear grease. It provides exceptional load-carrying properties and adheres 5 - 20 times longer than conventional open gear compounds. It also provides outstanding water resistance.

### Oven Ice FG-2



JAX Oven Ice FG-2 is a 100% PAO synthetic, inorganic-based, non-melting food-grade NSF H1 grease suitable for the many lubrication applications in the food-processing industry, as well as on the related ovens and kilns.

### Pyro-Plate TFS

100% Synthetic



JAX Pyro-Plate TFS is a 100% synthetic lubricating grease with outstanding EPDM elastomer compatibility. This grease is specially formulated for the sealing and lubrication of beverage equipment, including beer taps, barrel filling installations and valves. It is recommended for the lubrication of seals whenever an H1 food-grade lubricating grease compatible with EPDM elastomer materials is required.

### Pyro-Plate PFP

100% Synthetic



JAX Pyro-Plate PFP is a synthetic PFPE fluid thickened with PTFE. It is an exotic, synthetic lubricant intended for specific lubrication points exposed to extreme high temperature and which will not tolerate oxidative deposits. Suitable for industrial applications requiring this lubricant technology, JAX Pyro-Plate PFP is also FG-H1 certified for incidental food contact.

## INDUSTRIAL GREASES:

### Magna-Plate® 300

H2

This is a high-temperature grease with enhanced oxidation and antiwear properties, containing 3% technical grade Molybdenum Disulfide and other solids. Magna-Plate 300 will outperform all conventionally thickened greases that are exposed to high temperatures for extended periods. This dramatically reduces caking and carbonized deposits.

### Magna-Plate® 500-0, 500-1, 500-2

H2

By applying advances in the technology of water resistance, JAX has formulated one of the world's most water-resistant greases. It is an excellent general plant grease for wear protection, rust and water problems, and multi purpose applications. Magna-Plate 500 is known throughout the industry for outstanding performance. Now available in NLGI #0 grade so that fully automated centralized greasing systems can take advantage of this remarkable technology.

### Magna-Plate® 700-2

H2

This water-resistant grease has been formulated to address the specific needs of the fresh and saltwater dredging industry. It provides unsurpassed resistance to water wash-out, corrosion protection in salt-water or seawater and high load-carrying protection.

### Dredge-Guard 1 & 2

H2

Extensively field tested, JAX Dredge-Guard "stays put" and outperforms industry greases currently used in off-highway construction, trucking and dredging operations. Developed for high load, high-contamination applications, this grease outperforms in all of these areas: resistance to water wash-out, high load-carrying protection, extreme-pressure and anti-wear characteristics and good mobility and pumpability.

### Magna-Plate® 1000-1, 1000-2

H2

These are high-temperature general-purpose greases with enhanced oxidation resistance properties. Magna-Plate 1000 outperforms all conventionally thickened greases that are exposed to high temperatures for extended periods. They dramatically reduce caking and carbonized deposits and are fully E.P. and antiwear treated.

## GREASES *continued*

### Magna-Plate® 1100

#### Magna-Plate® 1100 HD-PM

This is a specialized grease for areas of high salt or chemical contamination and high wear rates. Magna-Plate 1100 patented corrosion control formula defies rust formation while providing excellent antiwear performance. Magna-Plate 1100 HD-PM is formulated using a heavier base oil than Magna-Plate 1100. (Special order/batch quantities only.)

H2

### Magna-Plate® 1200

100% Synthetic

A fully synthetic grease for temperatures up to and exceeding 600°F (316°C). This thermally stable product is formulated with costly synthetic esters and a proprietary base soap to provide excellent oxidation stability and lubrication properties for extended periods and at extremely high temperatures.

### Pyro-Plate EPN-2

100% Synthetic

This high-temperature, synthetic grease combines 100% high viscosity synthetic base oils with a proven high-temp thickener for outstanding performance in severe applications that may encounter heavy loads and infrequent relubrication.

### Poly-Plate EP-0, EP-2

The high-performance benefits of these greases are so outstanding that we believe it will replace lithium complex as the benchmark, high-temperature industrial grease. This grease has an extremely long life, excellent water resistance and better low-temperature performance than lithium complex greases. It is also recommended for "Sealed-for-Life" and EMB applications.

### Ring Grease-XL

This specially formulated water-resistant grease is made to withstand high-pressure roller applications. Ring Grease-XL shows excellent resistance to both water and acid washdowns, and lasts up to 30 times longer due to its ability to withstand the extreme-pressure between the ring and the drum roller.

### Gear-Guard Synthetic Open Gears

100% Synthetic, H2

This new development in open gear lubrication is formulated to provide the ultimate performance in severe applications. The base thickener and fluid used are inorganic synthetics with temperature ranges to handle the toughest environments. Gear-Guard Synthetic is unsurpassed in the three critical areas of water resistance, film adhesion, and wear protection.

### Hydro-Chain Grease

100% Synthetic, H2

JAX Hydro-Chain Grease is a specially formulated water-resistant grease made to withstand the steam, water and high loads found in hydrostatic cooker chain applications.

### Hydro-Guard RCG

100% Synthetic

A specially formulated water-resistant grease solubilized in a non-flammable high-evaporation rate solvent. It is formulated for applications where conventional lubricating greases are difficult to apply, and light viscosity liquid is required for proper penetration, such as retort cart wheel bearings.

### Robo-Guard 00

JAX Robo-Guard 00 is manufactured with an advanced, proprietary thickener. This newly enhanced technology provides exceptional mechanical stability, very high load-carrying ability and remarkable rust and corrosion control. In addition, JAX Robo-Guard 00 has excellent water condensate resistance and outstanding high-temperature performance characteristics. This technology is combined with new partial synthetic base fluid to make this a true high-performance grease for industrial robotic applications.

## High-Temp Sock Grease

As an alternative to block grease in paper machine lubrication, JAX High-Temp Sock Grease can save labor costs by eliminating the need for cutting and preparing the block. Additionally, JAX High-Temp Sock Grease requires significantly less time to change out than block. It dramatically reduces lubrication intervals, thus reducing downtime. This makes our grease very cost-effective.

## SOLVENTS & CHEMICALS



### INDUSTRIAL SOLVENTS & CHEMICALS:

#### Parts Wash Solvent

A general-purpose hydrocarbon-based parts cleaner specially formulated for use in recirculating cleaning units.

#### Air Line/Gas Line Antifreeze

A custom blend of isopropyl and methyl alcohols for freeze protection in air lines and gasoline and diesel fuels.

#### Compressor Flushing Fluid and Syn-Vac Flush Fluid

These fluids are fully formulated compressor lubricants containing synthetic base fluids and a highly dispersant additive system specifically designed to remove varnish, sludge and carbon deposits. They are highly effective in transporting contaminants to the filtration system for removal.

### FOOD-GRADE SOLVENTS & CHEMICALS:

#### Odorless Mineral Spirits FG

This is a water-white, low aromatic food-grade mineral solvent meeting the requirements of FDA 21 CFR 178.3570. Satisfies numerous food plant applications.



## WHITE & BASE OILS



#### White Mineral Oil ISO 15, 22, 32, 46, 68, 100

These oxidation-inhibited mineral oils are for use in all areas of lubrication and oil spray-down where incidental contact with a food, drug, cosmetic or beverage product is possible. Use JAX White Mineral Oil ISO 22 for Packer's Tech Oil applications.



#### Pure-Base ISO 5, 10

JAX Pure-Base ISO 5 is a water-white, tasteless, odorless lubricant. It complies with FDA 21 CFR 178.3620(b) for technical white mineral oil. It is utilized as a lubricant and release agent in nonfood articles intended for use in contact with food, such as adhesives, defoamers, resin-bonded filters, rubber, textiles, fibers, metallic articles and machinery. It also functions as a conditioning agent, dust suppressant, moisture barrier, diluent, dehydrating agent, lubricant and release agent in many nonfood applications.



# AEROSOL AND ALTERNATIVE PACKAGING PRODUCTS



Pressure-Lube, a division of JAX INC., manufactures premium quality aerosol products for industrial, fleet and food plant maintenance. Pressure-Lube strives to carefully research and develop aerosols that will outperform multi purpose sprays, ultimately saving time and money.

## INDUSTRIAL LUBRICANTS:

**Power-Pen** H2  
This high-performance, environmentally-friendly, light-colored lubricant with PTFE prevents rust, displaces water, lubricates, and penetrates. Aerosol. JAX100.

**America's Finest Penetrating Oil** H2  
A blend of the finest oils, solvents, wetting agents and Moly formulated to penetrate and loosen more effectively than a torch. Excellent wicking action. Aerosol. JAX101.

**Chain Drive Pin & Bushing Lube** H2  
A foaming, high EP, superb antiwear chain lubricant for areas requiring deep penetrating action in a lighter-colored oil. Aerosol, Trigger Spray. JAX102.

**Gear-Guard Synthetic Open Gear** H2  
A synthetic open gear lubricant formulated to be the most water-resistant, supply the best film adhesion, and provide the most wear protection. Aerosol. JAX105.


**Protecto-Lube** H2  
A dry-film moly spray for long-term lubrication and rustproofing. An excellent anti-seize compound and rust preventative. Aerosol. JAX112.


**Tool Life Cutting Oil**  
A general-purpose tapping reaming, and machining fluid that cools and extends tool life. Drip Bottle. JAX117.


**Pyro-Kote® 220** 100% Synthetic, H2  
Synthetic, high-temperature lubricating oil with exceptional antiwear performance. Use on dryers, heatsetting machines, tenter frames, and oven conveyors and chains. Aerosol. JAX 141.


**Rust Prevent II**  
A thicker, waxy lubricant/preservative/corrosion preventative spray. Easy to apply, long lasting, easy to remove. JAX231.


## FOOD-GRADE LUBRICANTS:


**Dry-Glide® Silicone**   
A silicone lubricant authorized for use in all sanitary food plant applications where there is a need to eliminate friction between unlike surfaces. Contains Micronox®. Aerosol, Trigger Spray. JAX108


**Dry-Glide® WB Silicone**   
A non-flammable, water-based version of our high percent food-grade silicone spray. Contains Micronox®. Aerosol. JAX208.


**Food Grade Penetrating Oil**   
A food-grade oil with the same penetrating and wetting abilities as our America's finest formula. Also makes an excellent spray-down oil where there is no direct contact with food. Contains Micronox®. Aerosol, Trigger Spray. JAX109.


**Magna-Plate® 86** 100% Synthetic   
A 100% synthetic lubricant for food-plant extreme-temperature use. Range is -70°F to 460°F (-57°C to 238°C). Contains Micronox®. Aerosol, Trigger Spray. JAX110.


**Magna-Plate® 78**   
An E.P. antiwear food-grade lubricant for the chains and conveyors on equipment in a food-processing environment. Contains Micronox®. Aerosol, Trigger Spray. JAX 114.


**Food-Grade Mold Release N-S**   
Formulated to provide efficient non-soy food release from molds, grills, loaf pans, boning benches, chopping blocks, and other hard surfaces. Provides enhanced release properties and allows for fine, even coating. Aerosol, Trigger Spray. JAX233.


**Food-Grade Anti-Seize**   
With a base of our top-of-the-line food-grade grease, the addition of high-temp non-corrosive H1 solids gives a reliable anti-seize to fight corrosion and galling on fasteners. Brush Bottles, Pails. JAX134. Aerosol - JAX234.


**T-Oil Food Plant Machinery Coat**   
A pure white USP mineral oil for food plants that need assurance of 3H integrity for their spray-down oil or slide lubricant. Eliminates potential contamination when transferring oil from bulk to secondary container. Aerosol, Trigger Bottle. JAX139.


**PürGel Klear USP Petrolatum**   
A truly unique package for the food, beverage and pharmaceutical processing industries, this is a direct-contact pure USP clear petrolatum. Aerosol, Grease Tube, Squeeze Tube, Wide-Mouth Tub. JAX140.


**Synclear**   
A high-temperature synthetic grease for use on rolling elements, plain bearings and joints and linkage areas. Aerosol. JAX144.


**Tef-Stef Dry Flim Lubricant**   
For applications that require a clean, dry non-silicone-based lubricant that will not attract particulates. Aerosol. JAX145.

**Halo-Guard® FG**   
Cures to a thick coating of white grease to protect against metal-to-metal contact and washout. Water- and chemical-resistant. Contains Micronox®. Aerosol, Grease Tube. JAX213.

**BDF Cling-Lube**   
Formulated with high performance food-grade oil and food-grade grease to eliminate dripping from overhead conveyors. Contains Micronox®. Aerosol. JAX214.

**DC Conveyor Release WB RTU DC Conveyor Release**   
Formulated for multiple uses in the food-processing industry, particularly in baking where mesh conveyors are carrying product through 300°F - 550°F (149°C - 288°C) ovens. (RTU DC Conveyor Release is the ready-to-use version of DC Conveyor Release WB.) Trigger Spray. 00238, 00338.

**Magna-Plate® 74 Air Tool/Air Line Oil**   
For use in food-contact environments on knives, saws, stunning guns, air tools. Contains Micronox®. 00740.

**Belt Dressing**   
Contains no resin or asphalts; will absolutely not collect dirt or abrasive materials. Increases belt life and power output and reduces belt slip. Aerosol. JAX107.

## FLEET AND MATERIAL HANDLING:

### Battery Saver & Cleaner

This is a unique spray that prevents rust and corrosion on old and new batteries. It is excellent for use on batteries going into storage. Aerosol. JAX103.

### Heavy-Duty Chain & Cable Lube

H2

This is a heavy-duty, dual-purpose penetrating lubricant that reduces internal friction and extends chain and cable life. Aerosol, Trigger Spray. JAX104.

### Lift Truck & Sliding Tandem Lube

H2

This is a unique combination of two premium greases with moly and graphite that helps eliminate oil dripping, prevents wear, and reduces friction, rust and freeze-ups to -60°F (-51°C). Leaves a coating that adheres well. Aerosol. JAX106

### Snowplow Grease

For use on municipal snowplowing equipment for the wing posts and husting hitches. For any metal-to-metal application that requires adherence. Also for use in water parks. Aerosol. JAX120.

### Big Jim

Formulated for the logging industry, this is an extremely thick, high-cling open gear grease spray with added moly and graphite. Aerosol. JAX206.

### Brake Parts Cleaner Non-Chlorinated

Effective at removing brake fluid, grease, oil, road grime and other contaminants. California low-VOC compliant. Aerosol. JAX229.

### WLTB (White Lift Truck & Boom)



For forklifts that operate in food, beverage or pharmaceutical processing areas where an NSF H1 grease is needed. Aerosol. JAX143.

## SOLVENTS AND CLEANERS:

### Stainless Steel Cleaner & Polish

A7

Cleans and polishes high-luster surfaces and removes water stains, finger prints and oils while leaving surface free of and resistant to residue or film. Aerosol. JAX123.

### Electrical Contact Cleaner Non-Flammable

K2

A non-flammable cleaner for electrical and electronic components that is odorless, non-staining and will not harm electrical insulation or plastics. Aerosol. JAX124.

### Peel-Off Degreaser

K1

A non-chlorinated degreaser that is more compatible with a greater number of metals, plastics and elastomers. Aerosol. JAX211.

### Green-Clean Cleaner/Degreaser Crystal-Clean Cleaner/Degreaser

A1

Environmentally-friendly cleaner/degreasers for surface preparation, degreasing industrial equipment and cleaning/degreasing metal parts. These are products that can be used without major downstream concerns. Crystal-Clean is a clear version of the same formulation. Trigger Spray. 00122, 00022.

## STARTING ETHER:

### Jet Fire Starting Ether

A starting ether highly concentrated for quick starts down to -65°F (-54°C) that is approved by major oil companies and engine manufacturers. 85% ether. Extremely flammable. Aerosol. JAX115.

## DISPENSING & APPLICATIONS SOLUTIONS



# XACT

XACT Fluid Solutions is a new division of JAX that provides lubricant application and dispensing systems. These systems Xactly control the application of the lubricants and extend the life of industrial and food-plant machinery.

The XACT product line includes:

- Precision chain lubrication
- Single-point lubricators
- Intermediate bulk containment systems
- Multi-point grease lubrication
- Clean and safe oil transfer
- Desiccant breathers & vent plugs

XACT Fluid Solutions is also the authorized reseller for many major brands. For more information about XACT Fluid products and services, visit our website at [www.xactfluid.com](http://www.xactfluid.com)

## LUBE-GUARD PROGRAM



The XACT Lube-Guard program is a multi-faceted approach used to clearly identify each lubricant and its proper application within your plant. Lube-Guard uses color-coding to ensure your plant maintenance team knows the correct lubricant and proper lubrication frequency for each piece of machinery. This color-coded program includes: wall charts, equipment tags, grease gun tubes, zerk fittings, and color-coded caps and labels for Oil Safe® containers.

Safe storage and transfer methods are also put into place to reduce the chance of cross-contamination. In addition to Oil Safe® containers, other safe storage and transfer solutions include our Tote-A-Lube Bulk Containment Systems and sampling valves to easily obtain oil samples.

- Choice of ten colors for easy identification
- Tanks, totes, drums, grease guns, tags and charts
- Clean transfer and storage
- Plant-wide uniformity
- Low implementation time and cost

Visit [www.xactfluid.com](http://www.xactfluid.com) for more information.

# PACKAGING

Jax products are sold in a variety of container sizes to fit your needs. Containers include Totes, Drums, Kegs, Pails, Gallons, Grease Tubes, Jars, Trigger Bottles and Aerosol Cans. All capacities are net contents or net weight.



1. One-Way Totes



2. Steel Drums



3. Steel Kegs



4. Plastic Pails

## 1. One-Way Totes

275 Gallon - 2000 Pounds  
110 Gallon - 800 Pounds

## 2. Steel Drums

55 Gallons - 400 Pounds

## 3. Steel Kegs

16 Gallon - 120 Pounds

## 4. Plastic Pails

5 Gallons - 35 Pounds

## 5. Gallon Containers

Gallon Containers/4 Per Case

## 6. Motor Oil Quart Containers

Quart Containers/12 Per Case

## 7. Grease Cartridges

50 Per Case (Five 10-Packs Per Case)

## 8. Aerosol Cans

Pints/12 Per Case (Ether: 24 Per Case)

## 9. Trigger Spray Bottles

Pints/12 Per Case



5. Gallon Containers



6. Motor Oil Quarts



7. Grease Cartridges



8. Aerosol Cans  
9. Trigger Spray Bottles

# RPM LABORATORY DIVISION



JAX/RPM Laboratory Division brings innovations and experience to used oil analysis that few, if any, can rival. Testing is performed to ASTM standards by highly qualified technicians using our state-of-the-art DCP spectrometer, FTIR Analyzer, Kinematic Viscometers, Karl-Fischer Titrator and particle counter, to name a few. We provide accurate and dependable results. This laboratory is located in our state-of-the-art 1800 square foot research center within our corporate headquarters.

The used oil analysis program at JAX/RPM provides an invaluable tool for extending your equipment and lubricant life. Our color-coded reports make any deviations from machine or lubricant norms easy to spot. A relevant comment section may help direct maintenance personnel to the source of potential problems. Trial Sample Kits are available upon request.

# BLENDING FACILITY



Manufacturing the highest quality industrial and synthetic lubricants in the world is priority one at JAX. With nearly 100,000 gallons of daily blending capacity, our high-tech facility is second to none.

To ensure unparalleled quality in JAX lubricants, we have installed separate delivery lines to and from all storage vessels to eliminate the chance of cross-contamination. Separate, dedicated pumps are used to transfer food-grade and nonfood-grade products. All batch blends are done in load cell-equipped blenders, controlling raw ingredient portions down to fractions of a gallon.

Of course, all raw materials, packaging and finished lubricants must pass JAX strict quality control screening before they are accepted into or shipped from our manufacturing plants.

JAX INC. is an ISO 9001:2000 certified facility.

# INVENTORY & DELIVERY



JAX INC. has made a corporate commitment to maintaining ample and sufficient inventory to fill most small orders within 24 hours and larger truckload-sized orders within 1 week. We have the capability to compound emergency orders and provide a level of service previously unknown in our industry. Bulk lubricant delivery services are available nationwide.

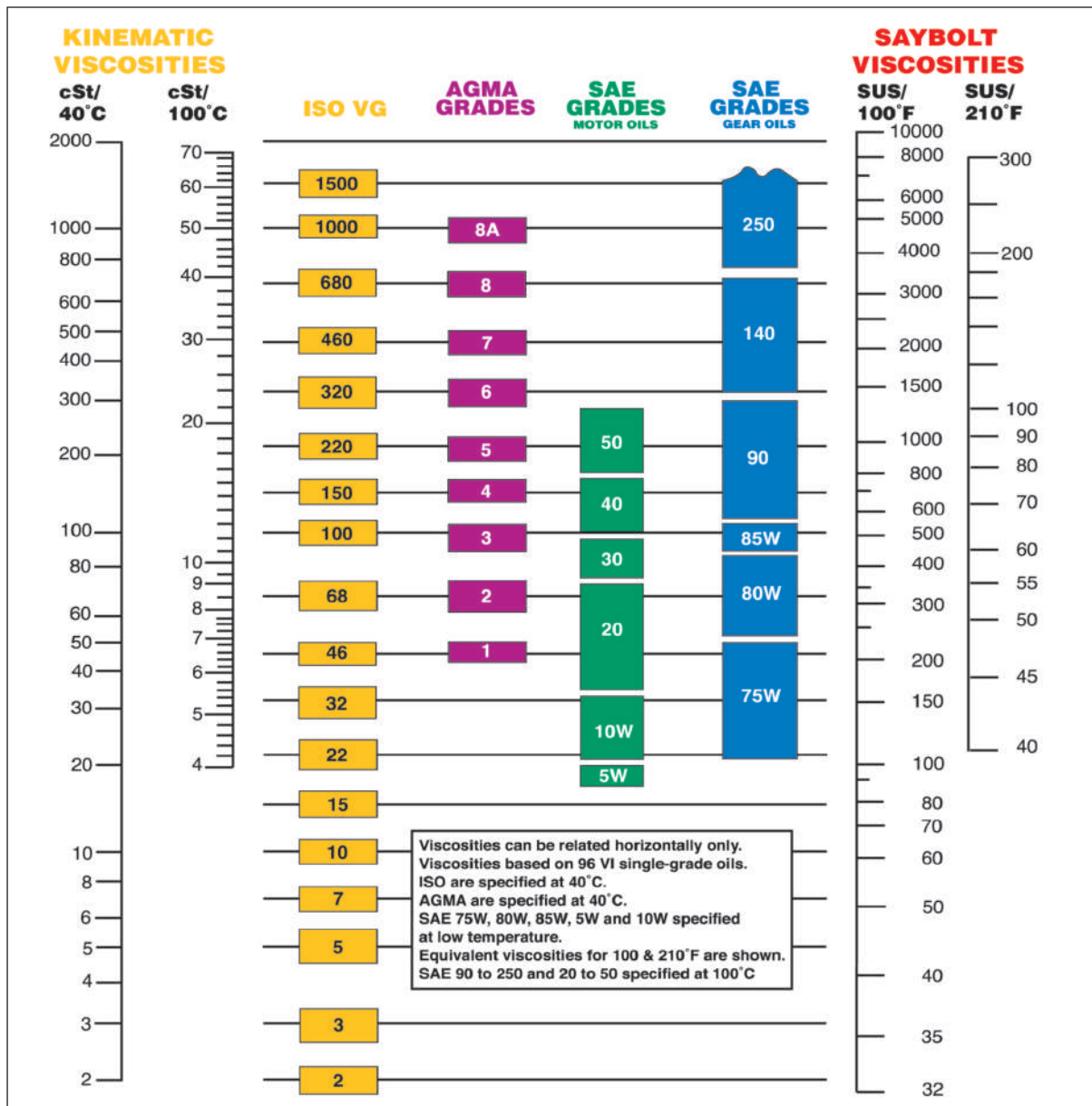
# NLGI NUMBERS FOR GREASE

A scale for the classification of consistency of a grease, based on penetration numbers determined by ASTM Method D 217. The scale was originally designed by the National Lubricating Grease Institute (NLGI).

NLGI Consistency Number	ASTM Worked (60 strokes) Penetration at 25°C (77°F), tenths of a millimeter
000	445 to 475
00	400 to 430
0	355 to 385
1	310 to 340
2	265 to 295
3	220 to 250
4	175 to 205
5	130 to 160
6	85 to 115

Although there are no official "half" numbers (e.g. 2-1/2), it has become a tradition to give such "half" numbers to intermediate grades (e.g. a grease with a penetration range of 230-260 is called a 2-1/2 NLGI).

# VISCOSITY REFERENCE CHART



28411



JAX INC., based in Menomonee Falls, WI, is a manufacturer of high-technology industrial, synthetic and food-grade lubricants. Founded in 1955, JAX produces conventional and extreme-performance synthetic lubricants for industrial, manufacturing, transportation, construction, food processing and numerous other industry segments. JAX lubrication products are distributed worldwide.



*America's Finest Industrial Lubricants*

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