

CG-88-100

Synthetic Food Grade Hydraulic Oil ISO 100

CG-88-100 is formulated to meet H1 requirements for lubricants with incidental food contact (FDA 21 CFR 178.3570). It is also designed for environmentally sensitive hydraulic applications or those requiring a biodegradable lubricant. This advanced formulation resists sludge and varnish formation, and it provides superior anti-wear protection for hydraulic equipment.

ATTRIBUTES

- Meets H1 requirements for incidental food contact (FDA 21 CFR 178.3570)
- Biodegradable formulation
- Protects against wear, rust and corrosion
- Readily separates from water
- Oxidative stability
- High viscosity index
- Controls carbon and varnish formation
- Low volatility
- Non-toxic/non-hazardous

TYPICAL LUBRICANT PROPERTIES

| CG-88-100 Grades | 22 | 32 | 46 | 68 |
|--------------------------------|-----------|-----------|-----------|-----------|
| Viscosity cSt @ 40°C | 21.5 | 32.1 | 46.0 | 66.3 |
| Oxidative Stability | 10000+ | 10000+ | 10000+ | 10000+ |
| Color | <.5 | <.5 | <.5 | <.5 |
| Flash Point °F (°C) | 390 (199) | 430 (221) | 440 (227) | 450 (232) |
| Pour Point °F (°C) | -54 (-47) | -50 (-45) | -42 (-41) | -36 (-37) |
| Copper Corrosion | 1a | 1a | 1a | 1a |
| Rust Test | Pass | Pass | Pass | Pass |
| Foam Sequence 1 | 0/0 | 0/0 | 0/0 | 0/0 |
| Pump Wear Test: Vickers 35VQ25 | Pass | Pass | Pass | Pass |
| Pump Wear Test: Denison | Meets | Meets | Meets | Meets |
| Demulsibility, 130°F, 30 Min | 40/40/0 | 40/40/0 | 40/40/0 | 40/40/0 |