

CG-88-46

Synthetic Food Grade Hydraulic Oil ISO 46

CG-88-46 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-88-46 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