# High Pressure Pump Lubricant 10W-30

## Product Application:

High Pressure Pump Lubricant 10W-30 is specially formulated API 10W-30, ISO VG 68 grade antiwear hydraulic fluid. Designed for use in most high pressure pump crankcases such as: CAT pump, General pump, AR, Comet, Giant, Udor, and Hypro.

# Features And Advantages:

- \*Anti-scuff, wear, foaming, oxidation and emulsification
- \*High viscosity index (VI) for high and low temperature
- \*Low pour point (-20 deg. Fahrenheit)
- \*Exceeds wear requirements of major pump mfgs. (HFO)

#### Typical Characteristics:

Density 15°C, ASTM 4052, kg/l Copper Strip Corrosion, ASTM D  103, 3 hours @ 100°C  FZG Gear Test, DIN 51354, Fail Stage Pour Point, °C ASTM D 97  Flash Point, °C, ASTM D 92  0.8626  1B  12  240	Viscosity, ASTM D445	
Viscosity Index, ASTM D 2270  Brookfield Viscosity ASTM D 2983,  CP @ -20°C  3390  Brookefield Viscosity ASTM D2983,  CP @ -30°  Brookefield Viscosity ASTM D2983,  CP @ -40°  Tapered Roller Bearing (CEC L-45-A-00),  % Viscosity Loss  Density 15°C, ASTM 4052, kg/I  Copper Strip Corrosion, ASTM D  103, 3 hours @ 100°C  FZG Gear Test, DIN 51354, Fail Stage  Pour Point, °C ASTM D 92  160  3390  16380	cSt @40°C 68	3.0
Brookfield Viscosity ASTM D 2983,  CP @ -20°C 3390  Brookefield Viscosity ASTM D2983,  CP @ -30° 16380  Brookefield Viscosity ASTM D 2983,  CP @ -40°  Tapered Roller Bearing (CEC L-45-A-00),  % Viscosity Loss 9  Density 15°C, ASTM 4052, kg/I 0.8626  Copper Strip Corrosion, ASTM D  103, 3 hours @ 100°C 1B  FZG Gear Test, DIN 51354, Fail Stage 12  Pour Point, °C ASTM D 97 -35  Flash Point, °C, ASTM D 92 240	cSt @100°C 11	.3
CP @ -20°C  Brookefield Viscosity ASTM D2983,  CP @ -30°  Brookefield Viscosity ASTM D 2983,  CP @ -40°  Tapered Roller Bearing (CEC L-45-A-00),  % Viscosity Loss  Pensity 15°C, ASTM 4052, kg/I  Copper Strip Corrosion, ASTM D  103, 3 hours @ 100°C  FZG Gear Test, DIN 51354, Fail Stage  Pour Point, °C ASTM D 97  Flash Point, °C, ASTM D 92  3390  3390  3390  16380	Viscosity Index, ASTM D 2270	0
Brookefield Viscosity ASTM D2983,  CP @ -30° 16380  Brookefield Viscosity ASTM D 2983,  CP @ -40°  Tapered Roller Bearing (CEC L-45-A-00),  % Viscosity Loss 9  Density 15°C, ASTM 4052, kg/I 0.8626  Copper Strip Corrosion, ASTM D  103, 3 hours @ 100°C 1B  FZG Gear Test, DIN 51354, Fail Stage 12  Pour Point, °C ASTM D 97 -35  Flash Point, °C, ASTM D 92 240	Brookfield Viscosity ASTM D 2983,	
CP @ -30° Brookefield Viscosity ASTM D 2983, CP @ -40° Tapered Roller Bearing (CEC L-45-A-00), % Viscosity Loss Pensity 15°C, ASTM 4052, kg/l Copper Strip Corrosion, ASTM D 103, 3 hours @ 100°C 1B FZG Gear Test, DIN 51354, Fail Stage Pour Point, °C ASTM D 97 Flash Point, °C, ASTM D 92	cP @ -20°C 33	390
Brookefield Viscosity ASTM D 2983,  CP @ -40°  Tapered Roller Bearing (CEC L-45-A-00),  % Viscosity Loss  Density 15°C, ASTM 4052, kg/l  Copper Strip Corrosion, ASTM D  103, 3 hours @ 100°C  FZG Gear Test, DIN 51354, Fail Stage  Pour Point, °C ASTM D 97  Flash Point, °C, ASTM D 92  Possible Strip Corrosion    18  19  100°C  100°C	Brookefield Viscosity ASTM D2983,	
CP @ -40° Tapered Roller Bearing (CEC L-45-A-00), % Viscosity Loss 9 Density 15°C, ASTM 4052, kg/l 0.8626 Copper Strip Corrosion, ASTM D 103, 3 hours @ 100°C 1B FZG Gear Test, DIN 51354, Fail Stage 12 Pour Point, °C ASTM D 97 -35 Flash Point, °C, ASTM D 92 240	cP @ -30°	380
Tapered Roller Bearing (CEC L-45-A-00), % Viscosity Loss 9 Density 15°C, ASTM 4052, kg/I 0.8626 Copper Strip Corrosion, ASTM D 103, 3 hours @ 100°C 1B FZG Gear Test, DIN 51354, Fail Stage 12 Pour Point, °C ASTM D 97 -35 Flash Point, °C, ASTM D 92 240	Brookefield Viscosity ASTM D 2983,	
% Viscosity Loss 9 Density 15°C, ASTM 4052, kg/l 0.8626 Copper Strip Corrosion, ASTM D 103, 3 hours @ 100°C 1B FZG Gear Test, DIN 51354, Fail Stage 12 Pour Point, °C ASTM D 97 -35 Flash Point, °C, ASTM D 92 240	cP @ -40°	
Density 15°C, ASTM 4052, kg/l Copper Strip Corrosion, ASTM D  103, 3 hours @ 100°C  FZG Gear Test, DIN 51354, Fail Stage Pour Point, °C ASTM D 97  Flash Point, °C, ASTM D 92  70.8626  18  12  240	Tapered Roller Bearing (CEC L-45-A-00),	
Copper Strip Corrosion, ASTM D  103, 3 hours @ 100°C  FZG Gear Test, DIN 51354, Fail Stage  Pour Point, °C ASTM D 97  Flash Point, °C, ASTM D 92  240	% Viscosity Loss 9	
103, 3 hours @ 100°C  FZG Gear Test, DIN 51354, Fail Stage  Pour Point, °C ASTM D 97  Flash Point, °C, ASTM D 92  1B  12  240	Density 15°C, ASTM 4052, kg/l 0.8	8626
FZG Gear Test, DIN 51354, Fail Stage 12 Pour Point, °C ASTM D 97 -35 Flash Point, °C, ASTM D 92 240	Copper Strip Corrosion, ASTM D	
Pour Point, °C ASTM D 97 -35 Flash Point, °C, ASTM D 92 240	103, 3 hours @ 100°C	}
Flash Point, °C, ASTM D 92 240	FZG Gear Test, DIN 51354, Fail Stage	) -
	Pour Point, °C ASTM D 97 -35	5
Foam Sequence I II III ASTAID 892 ml 20/0	Flash Point, °C, ASTM D 92	Ю
100111 3equence 1, 11, 111, A31M D 672, 1111 20/0	Foam Sequence I, II, III, ASTM D 892, ml 20	0/0
Dielectric Strength, kV, ASTM D877	Dielectric Strength, kV, ASTM D877	

## Package Size:

Bulk, Drums, Pails

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<sup>\*</sup>Compatible with typically used seals