

Product Data Sheet



HB-1550 Crown Tech Plus FG Oil

ISO GRADES 32, 46, 68, 100



DESCRIPTION:

- Should be used where hydraulic fluids and other mild lubricants are called for in equipment associated with food processing
- NSF Registration # NF169908 H1 Food Grade Hydraulic Oils
- Available in various ISO grades, all with excellent low temperature flow characteristics and high viscosity indexes
- Offers maximum performance with no gumming or hardening of seals
- Blended using base stocks which have excellent resistance to emulsification and high resistance to foaming

COMPOSITION:

Utilizing highly refined base stocks and blended with top quality additives which include:

Oxidation inhibitors
Corrosion inhibitors
Rust inhibitors

Anti-wear agents
Anti-foam agents
Pour point depressants

PERFORMANCE CHARACTERISTICS:

- High viscosity index
- Shows very little flow rate change regard-less of changes in temperature
- Helps to prevent loss of pressure around seals
- Prevents oxidation which can clog small orifices, tightly fitted parts and lead to corrosion of metal surfaces
- Special additives prevent rust from forming by providing a protective film on metal surfaces
- Reduces fluid operating temperatures
- Provides better overall mechanical efficiency combined with less power consumption
- Extremely inexpensive due to its long life and reduced wear and tear on parts

USES:

- Far exceeds the anti-wear requirements for Vickers Pumps as shown in the Vickers Pump Test and also meets their requirement for a "high zinc" type anti-wear hydraulic oil
- Fully approved by Sperry-Vickers and by Denison Pump Division under both their HP-2 and HP-0 specifications
- Meets and exceed the requirements of Cincinnati Milacron
- NSF Listed H1

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APPLICATIONS:

Construction equipment
Mining equipment
Cranes
Plant hydraulics
Deck handling equipment
Logging equipment

Drilling Equipment
Winches
Draglines
Gear boxes & bearings
Air Compressor
Hydraulic platforms

HB-1550 SPECIFICATIONS:

PROPERTY	A/W 32	A/W 46	A/W 68	A/W 100		
Viscosity Grade	32	46	68	100		
ASTM No-	150	215	315	465		
API Gravity	32.4	31.7	30.9	30.0		
Lbs. per gallon	7.2	7.2	7.3	7.3		
Pour Point, ⁰ F	-25	-20	-20	-20		
Flash Point, ⁰ F	458	500	520	530		
Viscosity, Typical SUS a 100 ⁰ F SUS a 210 ⁰ F	156 40	205 43.6	308 53.4	486 64.0		
Viscosity Index	95	95	95	95		
ASTM Rust Test (ASTM D665,	Pass	Pass	Pass	Pass		
Copper Corrosion (ASTM D-130)	1	1	1	1		

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