

Product Data Sheet



HB-1156 NON-SHEEN HYDRAULIC OILS

32, 46, 68, 100, 150

DESCRIPTION:

HB-1156 NON-SHEEN HYDRAULIC OILS are formulated to perform in high-and low-pressure hydraulic systems that require Anti-Wear (AW), anti-rust, anti-oxidation, anti-foam and demulsibility properties. These products are highly inhibited against moisture and rusting in both fresh and sea water and meet ASTM D-665 Turbine Oil Rust Test Sequence A and B. These products have exceptional thermal stability and oxidation life to extend drain intervals while maintaining system cleanliness without varnish or sludge formation and greatly reduce the possibility of sheening on the surface of water.

APPLICATIONS:

HB-1156 NON-SHEEN HYDRAULIC OILS provide superior anti-wear protection that meets the hydraulic fluid requirements of these pump and system manufactures:

- Vickers
- Abex Denison HF-0 and HF-2
- Cincinnati Milacron P-series
- Jeffrey
- Commercial Shearing
- Brown and Sharp
- Sunstrand
- Lee-Norse
- Rexnord
- Racine

H & B Industries, Inc.

9758 Abernathy
Dallas, TX. 75220
(214) 350-1984
info@hbind.com
Website www.hbind.com

H & B Industries, Inc

301 Crickett Lane
Temple, TX. 76501
(254) 985-2525
hbsupply@hbind.com
Website www.hbind.com

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HB-1156 NON-SHEEN HYDRAULIC OILS meet the Environmental Protection Agency (EPA) 2013 Vessel General Permit (VGP) guidelines for Environmentally Friendly Lubricants (EFL) as described in EPA 800-R-11-002 11- 2011. These products meet the acute toxicity (LC-50) criteria adopted by the US Fish and Wildlife Service and the US EPA. It had no sheen appearance in an in-house Static Sheet Test.

- Meets US EPA 96-Hour LC-50 Acute Toxicity Test
- Meets EPA 2013 Vessel General Permit Environmentally Friendly Lubricants
- Inherently Biodegradable
- Superior Anti-W Properties
- Excellent Oxidation Resistance (10,000 + hours)
- Strong Rust Protection
- Non-Foaming
- Extended Service

Typical Properties

| | | | | | |
|------------------------|------|------|------|------|------|
| ISO Grade | 32 | 46 | 68 | 100 | 150 |
| Flash Point, °F | 420 | 440 | 465 | 482 | 500 |
| Pour Point, °F | -26 | -26 | -26 | 5 | 5 |
| Gravity, API | 32.2 | 32 | 31.7 | 30.8 | 30.4 |
| Viscosity, cSt @ 40°C | 33.7 | 47.2 | 66.3 | 97.3 | 142 |
| Viscosity, cSt @ 100°C | 5.6 | 6.8 | 8.5 | 11.2 | 14.7 |
| Viscosity Index | 103 | 101 | 100 | 101 | 103 |
| Rust Test, DI Water | Pass | Pass | Pass | Pass | Pass |

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