



HYDRAULIC HP Premium Synthetic



Features & Benefits

- All season synthetic anti-wear hydraulic oil
- Excellent cold weather pour point
- Hydraulic and hydrostatic systems
- Protects against rust and corrosion
- Extended drain intervals with regular used oil analysis
- Ideal for forestry & construction equipment
- Excellent anti-foam properties

Specifications

Suitable for use where the following industry standards are called for:
ASTM D6158 HV
Eaton 03-401-2010
DIN 51524 Part 2 & 3
Fives Cincinnati (P70)
China L-HM General
ISO 11158 HV & HM
U.S. Steel 126
Parker HF-0, HF-1, HF-2

Typical Results

Test Method	Hydraulic HP Premium
COLOUR (D1500)	1.0
VISCOSITY (D445) cSt @ 40°C cSt @ 100°C	45.8 9.9
DENSITY @ 15°C (D4052), kg/L	0.84
VISCOSITY INDEX (D2270)	210
POUR POINT (D97), °C	-42
FLASH POINT (D93), °C	197
OXIDATION LIFE (D943), hrs	8000+
ZINC CONTENT (D4951), ppm	750
CALCIUM (D4951), ppm	70
PHOSPHORUS (D4951), ppm	625
TAN (D664), mgKOH/g	0.79
DIELECTRIC STRENGTH, kv (D877)	54

HYDRAULIC HP PREMIUM is a high performance 100% synthetic anti-wear hydraulic fluid developed to provide extended service life and year-round performance. The synthetic base oil and superior additive chemistry offers advanced wear protection, corrosion protection and was designed for use in hydrostatic systems commonly used in construction and forestry equipment.

HYDRAULIC HP PREMIUM has a wide operating temperature range and provides better productivity, better operational flexibility and the possibility of using one grade year round instead of having to change grades of regular hydraulic oil with the seasons. It is well suited to use in mobile machinery and fixed machinery in outside locations.

HYDRAULIC HP PREMIUM is suitable for use with all types of hydraulic pumps and motors, even at pressures as high as 5,000 psi (350 Bar). It is NOT recommended for use with those pumps that contain silver-plated parts.

Sizes & Order Codes

Hydraulic HP Premium
18.9L (5 US Gal) F0113940
Bulk B0113901



www.irvingoil.com/lubricants
1.800.574.5823

Supporting data available to demonstrate acceptable performance. Check with your sales associate for latest product approvals. Please note, these are typical performance indicators and can change without notice.

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