



ULTIMATE BRITISH OIL TECHNOLOGY

OIL UK HYLOAD HLP PREMIUM ANTI-WEAR HYDRAULIC OILS RANGE

DESCRIPTION

The OIL UK HYLOAD HLP range of hydraulic fluids are manufactured from highly refined base stocks which possess good oxidation resistance and thermal stability. They are fortified with carefully selected additives to further improve performance characteristics including anti-corrosion to protect the system should water be present, anti-wear to reduce wear in pumps used in hydraulic systems, anti-oxidants and antifoam.

APPLICATION

OIL UK HYLOAD HLP hydraulic oils are suitable for a wide variety of applications. These include industrial hydraulic systems, agricultural and plant equipment, mobile units such as jacks, lightly loaded gears and many others.

FEATURES AND BENEFITS

- Incorporates inhibitors for protection against all forms of corrosion
- Good anti-foaming and air release properties
- Good demulsification characteristics
- Excellent anti-wear performance
- High oxidation resistance and thermal stability
- Suitable for all hose materials used with mineral oil based hydraulic oils

PERFORMANCE SPECIFICATIONS

DIN 51524 Part 2, category HLP ISO 6743/4, category HM

Denison HF-2 TP-02100 Filterability Test

OIL-UK Limited

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Sperry Vickers M-2950-S I-286-S Afnor NF E 48-600 Thyssen TH N-256132 US Steel 127 SEB 181.222
VDMA 24318

TYPICAL PHYSICAL DATA

| HYLOAD HLP ISO VISCOSITY GRADE: | 3 | 5 | 10 | 15 | 22 | 32 | 37 |
|-----------------------------------|-------|-------|-------|-------|-------|-------|-------|
| Specific Gravity @ 15.6°C | 0.822 | 0.827 | 0.850 | 0.860 | 0.865 | 0.873 | 0.875 |
| Kinematic Viscosity @ 40°C (cSt) | 3.0 | 5.0 | 10.0 | 15.0 | 22.0 | 32.0 | 37.0 |
| Kinematic Viscosity @ 100°C (cSt) | - | - | 2.62 | 3.38 | 4.29 | 5.36 | 5.87 |
| Viscosity Index | - | - | 91 | 95 | 100 | 100 | 100 |
| Flash Point °C | - | - | 162 | 183 | 195 | 215 | 217 |
| Pour Point °C | - | - | - | - | -33 | -33 | -33 |
| | - | - | | | | | |

| HYLOAD HLP ISO VISCOSITY GRADE: | 46 | 68 | 100 | 150 | 220 | 320 | 460 |
|-----------------------------------|-------|-------|-------|-------|-------|-------|-------|
| Specific Gravity @ 15.6°C | 0.878 | 0.880 | 0.889 | 0.890 | 0.893 | 0.895 | 0.901 |
| Kinematic Viscosity @ 40°C (cSt) | 46.0 | 68.0 | 100.0 | 150.0 | 220.0 | 320.0 | 460.0 |
| Kinematic Viscosity @ 100°C (cSt) | - | - | 2.62 | 3.38 | 4.29 | 5.36 | 5.87 |
| Viscosity Index | - | - | 91 | 95 | 100 | 100 | 100 |
| Flash Point °C | - | - | 162 | 183 | 195 | 215 | 217 |
| Pour Point °C | - | - | - | - | -33 | -33 | -33 |
| | - | - | | | | | |

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