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RAVENOL Hydraulikoel HVLP-D 46

RAVENOL Hydraulikoel HVLP-D 46 is a detergent hydraulic oil with a high viscosity index for use in a wide temperature range (multi-range hydraulic oil).

RAVENOL Hydraulikoel HVLP-D 46 is designed with selected base oils with additives to prevent corrosion, wear and friction.

RAVENOL Hydraulikoel HVLP-D 46 is characterized by a good viscosity-temperature behavior, high aging resistance and reliable corrosion protection.

RAVENOL Hydraulikoel HVLP-D 46 also contains detergent and dispersing agents, which always provide for a clean hydraulic system.

These additives dissolve contaminants, hold them in suspension and enabling the cleaning of contaminated hydraulic systems. The functional elements of a hydraulic system thereby remain free of deposits and bonds. This will emulsified penetrating water and ensure trouble-free operation of the hydraulic system.

Application Notes

RAVENOL Hydraulikoel HVLP-D 46 is used in hydraulic systems which are exposed to very fluctuating operating temperatures, abrasion, dirt and water.

RAVENOL Hydraulikoel HVLP-D 46 is designed for heavily loaded hydraulic systems of agricultural, forestry and construction machinery and stationary hydraulic systems, e.g. Industrial equipment.

Quality Classifications

Specifications

DIN 51 524 Teil 3

Practice and tested in aggregates with filling

CETOP RP 91H-HV, General Motors LH-04-1, General Motors LH-06-1, General Motors LH-15-1, ISO 6743/4-HV, DENISON HF-1, HF-0, HF-2, Sperry Vickers M-2950-S, Sperry Vickers 1-286-S, AFNOR 48 603 HV, US Steel 136

Characteristic

RAVENOL Hydraulikoel HVLP-D 46 offers:

- Reliable corrosion protection even when absorbing moisture
- Good air and water separation capacity, prevention of foam formation
- Excellent wear protection
- Good oxidation stability
- Excellent detergent and dispersing properties
- Neutral behavior against sealing materials
- Very low flow point

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| Characteristics | Unit | Data | Audit |
|--------------------|--------------------|--------|--------------|
| Colour | | yellow | visual |
| Density at 20°C | kg/m ³ | 858 | EN ISO 12185 |
| Viscosity at 40°C | mm ² /s | 46,1 | DIN 51562 |
| Viscosity at 100°C | mm ² /s | 8,5 | DIN 51562 |
| Viscosity index VI | | 163 | DIN ISO 2909 |
| Flash Point PM | °C | 230 | DIN ISO 2592 |
| Pourpoint | °C | -42 | DIN ISO 3016 |

All indicated data are approximate values and are subject to the commercial fluctuations.