



RAVENOL Hydraulikoeel HLP-D 32

RAVENOL Hydraulikoeel HLP-D 32 is a detergent hydraulic oil with good net and cleaning effect.

RAVENOL Hydraulikoeel HLP-D 32 is designed with selected base oils with additives to prevent corrosion, wear and friction.

RAVENOL Hydraulikoeel HLP-D 32 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 Hydraulikoeel HLP-D 32 is for use in agriculture hydraulic systems, construction machinery, cement factories, foundries, electro-plate clutches. It can also be used as functional test oil, inlet oil for aggregates and machinery, textile machinery and machine tools.

RAVENOL Hydraulikoeel HLP-D 32 exceeds the requirements of hydraulic oils according to DIN 51 524 Part 2 for hydraulics.

Quality Classifications

RAVENOL Hydraulikoeel HLP-D 32 is tried and tested for aggregates:

Practice and tested in aggregates with filling

MAN N 698, DENISON HF-O, Daimler DBL 6721

Characteristic

RAVENOL Hydraulikoeel HLP-D 32 offers:

- High aging resistance and high corrosion protection
- Good air release
- Excellent wear protection and proper conduct foam
- Very good viscosity-temperature behaviour
- Neutral behaviour towards sealing materials
- Extremely good detergent and dispersant characteristics
- Excellent corrosion protection even at the ingress of wetness

| Characteristics | Unit | Data | Audit |
|--------------------|--------------------|--------------|--------------|
| Colour | | yellow brown | visual |
| Density at 20°C | kg/m ³ | 851 | EN ISO 12185 |
| Viscosity at 40°C | mm ² /s | 29,9 | DIN 51 562 |
| Viscosity at 100°C | mm ² /s | 5,5 | DIN 51 562 |
| Viscosity index VI | | 123 | DIN ISO 2909 |
| Flash point (COC) | °C | 222 | DIN ISO 2592 |
| Pourpoint | °C | -33 | DIN ISO 3016 |

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

All information correspond to the best of our knowledge to the actual situation of the cognitions and our development. Subject to alterations. All references made to DIN-norms are only for the description of the goods. There is no guarantee. In case there will be any problems please contact the technical service.

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