



RAVENOL Hydraulikoel HLP-D 32



ART.-NR. 1323304

5 L | 1323304-005
20 L | 1323304-020
20 L | 1323304-B20
1000 L | 1323304-700

SPECIFICATIONS VDMA 24318 | SEB 181 222 | JCMAS HK | DIN 51524-2 HM (ÜBERTRIFFT DIE ANFORDERUNGEN AN HYDRAULIKÖLE HLP) | ASTM D6158 | AFNOR NF E 48-603 HM | ISO 11158/6743-4 HM | SAE MS1004 HM | US STEEL 127/136

FABRICATION MINERAL

RECOMMENDATIONS DAIMLER DBL 6721 | DENISON HF-0 | MAN N 698 | MÜLLER WEINGARTEN

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

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

RAVENOL Hydraulikoel 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.

RAVENOL Hydraulikoel HLP-D 32 is zinc and ash-free.

Application Notes

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

Characteristics

RAVENOL Hydraulikoel 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



- zinc and ash-free

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

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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