

- Certificate / Product Information -

RAVENOL Frostlube F 32

Art. 1323352

MINERAL

HYDRAULIC

Description:

RAVENOL Frostlube F 32 is designed on the basis of specially selected base oils for the low-temperature performance and high quality hydraulic additives including corrosion and oxidation inhibitors as well as additives for the reduction of wear and foaming.

RAVENOL Frostlube F 32 is a high quality, anti-wear hydraulic oil with a very high viscosity index, good shear stability and excellent low-temperature properties.

Application Directions:

RAVENOL Frostlube F 32 is excellently suitable for application in extremely low temperatures down to -40 ° C, e.g. equipment in refrigerated warehouses or mobile facilities, which are used outdoors under extreme winter conditions. Also used in construction, forestry machinery and agricultural vehicles.

RAVENOL Frostlube F 32 is specifically formulated so that a consistent viscosity is extensively given even in the case of extremely varying temperatures.

RAVENOL Frostlube F 32 is a shear stable, high quality hydraulic oil and therefore, suitable for application under extreme hydraulic conditions without risk for the system. If the oil temperature is permanently above 70°C, the hydraulic system should be pressurised to minimise oil loss due to evaporation.

Quality Classification:

RAVENOL Frostlube F 32 is tried and tested for aggregates specifying:

Recommendation: Liebherr cranes

Technical Characteristics:

RAVENOL Frostlube F 32 offers:

- An extremely high viscosity index so that the good lubrication properties and the protection in the event of minimal viscosity alterations are ensured by a wide temperature range.
- A low pour point; therefore, application at extremely low temperatures is permitted without the risk of freezing.
- An extremely good resistance to oxidation and a very good shear stability; therefore, longer service life of the oil under the usually extreme application conditions.
- Protection of the hydraulic system against corrosive influences.
- Anti-wear effect.
- Load bearing capability.
- Longer service life of the oil.

Technical Values:

Characteristics	Unit	Data	Test according to
Density at 20°C	kg/m ³	877,0	EN ISO 12185
Colour		clear	visual
Viscosity at 100°C	mm ² /s	9,9	DIN 51562-1
Viscosity at 40°C	mm ² /s	33,8	DIN 51562-1
Viscosity Index VI		300	DIN ISO 2909
Pourpoint	°C	-60	DIN ISO 3016
Flashpoint	°C	98	DIN ISO 2592

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

To the best of our knowledge all information reflects the current state of findings and our development. Subject to change. Any reference to DIN standards are solely for product description purposes and do not represent a guarantee. If problems occur please consult a technician.