



REDOIL



TECHNICAL DATA SHEET

HIDRUS 46

Mineral lubricant GPII+

Data di prima emissione
07/03/2024

SPECIFICS

- ISO VG 46 ISO-L-HM
- DIN 51524 PART teil 2-HLP ISO 6743-4 HM
- US PARKER DENISON HF-0/HF-1/HF-2 Level
- AFNOR NFE 48603 HM NFE 48691
- EATON VICKERS I 286-S/ EATON VICKERS M 2950-S
- FIVES CINCINNATI MILACRON P-70 (ISO VG 46) FORD M-6C32
- BOSH REXROTH RDE 90220-1/11.02 ATOS TABLE P002-E ATOS TABLE P002-1
- NATO H573 (MM-H-3004/B/46B) THYSSEN TH-N 256-142 U.S. STEEL 127-126-136
- SAWER -DANFOSS 520L0463 GM LS-2 GENERAL MOTORS LH-04-1 LH-06-1 LH-15-1
- LINDE AISE 127 METSO VDMA 24318 DANIELI HYDRAULICS CETOP RP91-HM

TECHNICAL DESCRIPTION

Hydraulic fluid formulated with GPII+ imineral bases suitably mixed with innovative additives able to fully meet the stringent requirements of modern fluid-dynamic technology.

The viscosimetric stability tested by the values of resistance to maximum stress conditions together with the marked anti-wear, anti-foaming and demulsibility properties make this product a technological excellence particularly appreciated in all hydraulic applications characterised by strong temperature and pressure ranges.

Compatible with all types of material commonly used as gaskets or jointing elements in both new and old hydraulic circuits.

The use of this product ensures:

- Maximum oxidation stability;
- Excellent thermal stability;
- Hydrolytic stability;
- Excellent material compatibility;
- High anti-corrosion and anti-rust properties;
- High anti-foaming capacity;
- Excellent pumpability at low temperatures.



For further details, please contact the technical department



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Responsabile di laboratorio

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Typical characteristics

Properties	Unit	Method	Average values
Density at 15°C	Kg/m ³	ASTM D 1298	862
Kinematic viscosity at 40°C	cSt	ASTM D 445	46
Kinematic viscosity at 100°C	cSt	ASTM D 445	7,21
Viscosity index	-	ASTM D 2270	116
Flash Point	°C	ASTM D 92	228
Pour point	°C	ASTM D 97	-34

MODE OF USE

Use in accordance with the recommendations in the user and maintenance manual supplied by the manufacturer. Store in a cool, dry place, protected from direct sunlight and at temperatures not exceeding 60°C (140°F).

SAFETY AND ENVIRONMENT

Use in accordance with the recommendations provided in the Safety Data Sheet. Additional information on MSDS.