



REDOIL



EELQMS
EUROPEAN ENGINE
LUBRICANTS QUALITY
MANAGEMENT SYSTEM
Data di prima emissione
07/03/2024

TECHNICAL DATA SHEET

HIDRUS HVI 32

Semi-synthetic lubricant GPIII-PAO

SPECIFICS

- ISO VG 32
- DIN 51524 PART 3 HVLP ISO 6743-4 ISO-L-HV/HS ISO 11158 HV
- US Parker Denison HF-0/1/2 Level
- Fives Cincinnati P68 (ISO 32) BS4231 HSE EATON VICKERS I-286/M2950-S
- Eaton Brochure 03-401-2010 SAE MS1004 SAWER -DANFOSS GM LS-2
- U.S. STEEL 127/136 BOSCH REXROTH RDE 90220 LINDE AISE 127 AFNOR NF 48603 HV

TECHNICAL DESCRIPTION

Semi-synthetic hydraulic fluid with a high viscosity index formulated with GPIII hydroisomerised bases and PAO synthetic bases suitably mixed with innovative additives capable of fully satisfying the stringent requirements of modern fluid-dynamic technology. The viscosimetric stability tested by the index values achieved together with the marked anti-wear properties make this product a technological excellence particularly appreciated in all applications characterised by large temperature and pressure ranges.

The use of this product ensures:

- High viscosity index, to operate even with strong temperature changes;
- Maximum stability to oxidation;
- Hydrolytic stability;
- Excellent compatibility with materials;
- 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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Typical characteristics

Properties	Unit	Method	Average values
Density at 15°C	Kg/m ³	ASTM D 1298	863
Kinematic viscosity at 40°C	cSt	ASTM D 445	32
Kinematic viscosity at 100°C	cSt	ASTM D 445	6,3
Viscosity index	-	ASTM D 2270	152
Flash Point	°C	ASTM D 92	235
Pour point	°C	ASTM D 97	-46

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.