

TECHNICAL DATA SHEET

HIDRUS HVI 46 SINT

PAO-ESTERE fully synthetic hydraulic lubricant

SPECIFICS

- ISO VG 46
- 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 P70 (ISO 46) 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

Fully synthetic HVI hydraulic fluid, obtained through a special synthesis process of the olefin molecule to obtain polymerised molecules with a longer chain and extreme resistance to oxidation and for safe use of the hydraulic fluid subjected to extreme pressure and temperature conditions.

The molecule structured using engineering techniques gives the lubricant exceptional properties in a natural way without having to resort to the use of improver or inhibitor additives that can give dirt and residue and reduce the life of the fluid.

The use of such a product ensures:

- Maximum energy efficiency;
- Very high viscosity index, so that it can operate even with large temperature fluctuations;
- Maximum stability to oxidation;
- Maximum cleanliness of the circuit;
- 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	855
Kinematic viscosity at 40°C	cSt	ASTM D 445	46
Kinematic viscosity at 100°C	cSt	ASTM D 445	8,3
Viscosity index	-	ASTM D 2270	157
Flash Point	°C	ASTM D 92	241
Pour point	°C	ASTM D 97	-50

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.