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TECHNICAL DATA SHEET

IHV 46

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DESCRIPTION:

Highly refined hydraulic fluid with antioxidant, anti-foaming and anti-wear additives, with high viscosity index. For use in hydraulic circuits requiring HLVP or HV type fluids, for use in hydraulic installations with both piston and vane pumps operating at high pressures. ISO VG 46 grade..

CHARACTERISTICS:

- The high Viscosity Index gives it a good behaviour against temperature variations, together with a high shear stability.
- Good stability against oxidation, which prolongs the useful life of the oil.
- Excellent anti-wear characteristics. Good filterability.
- Improved lubricity due to minimal foaming.
- Good demulsifying properties, allowing easy separation of water within the reservoir.

APPLICATIONS:

Recommended in all hydraulic systems where an oil with good performance against significant temperature variations is required, as well as in mechanisms where the manufacturer recommends HV or HVLP quality. It is recommended in circuits with gear pumps, pistons, vanes, plungers and alternatives. Suitable for construction and marine equipment.

TECHNICAL DATA:

Description:	Mineral hydraulic oil
Aspect :	Bright and transparent fluid
Viscosity at 100°C :	ASTM D445 41.4 - 50.6 sCT
Viscosity index :	ASTM D2270 140 mínimo

** We reserve the right to modify the general characteristics of our products in order to enable our customers to benefit from the latest technical developments. For further product information, please refer to the Safety Data Sheet (SDS), available through the IADA Customer Service Centre.

QUALITY LEVELS:

DIN 51524 parte 3 HVLP
ISO 11158 HV - ISO 6743-4 HV
CINCINNATI Machine P-68, P-69, P-70 (ISO 46)
GM LS2 - US Steel 136, 127
DENISON HF-0, HF-1, HF-2
EATON VICKERS I-286-S, M-2950-S
ISO 13357 part 1 y 2
AFNOR NF-E 48603 HV