HYDROIL 46

Mineral hydraulic oil

DESCRIPTION

It is a mineral oil for hydraulic controls, gears, bearings and kinematics in general, used in heavy conditions, when a lubricant with anti-wear properties, which reduces the mechanical pumps wear, valves and mechanical parts in movement is required. The product guarantees reliability and performance of the modern hydraulic systems used in the most varied sectors: construction and earth moving, mining, fishing, marine, injection molding, etc.

It meets all the most important global hydraulic performance specifications (4Q09), reduces wear, valve sticking, metal removal and filterability problems; it also meets the needs of the heaviest work cycles (for example in continuous production or in the continuous service of equipment on loan) and resists oxidative decay at the highest operating temperatures.

This oil was developed to meet current and future demands for hydraulic oils and ensures:

- outstanding protection of the pumps, even in very severe operating conditions;
- excellent control of paints in very long life tests;
- very high resistance to oxidation in the TOST test;
- excellent hydrolytic stability.

SPECIFICATION LEVELS

Eaton (Vickers) 1-286-S
DIN 51524 parte 1 (HL) e 2 (HLP)
ISO 11158 categoria HM
ANFOR NF ISO 11158 (HM)
US Steel 126, US Steel 127
FZG Failure Load Stage: 12

AVERAGE CHEMICAL AND PHYSICAL PROPERTIES*

Characteristic	Method	U.m.	Value
Density at 20°C	ASTM D 7042	Kg/lt	0,858
Viscosity at 40°C	ASTM D 7042	cSt	44,1
Viscosity at 100°C	ASTM D 7042	cSt	6,91
Viscosity Index	ASTM D 2270	-	110
Flash Point COC	ASTM D 92	°C	240
Pour Point	ASTM D 97	°C	-12

*These data do not constitute specification

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