Product name

HYDRO H

Application

OIL FOR HYDRAULIC CIRCUITS

Specifications

- ✔ AFNOR NFE 48-603 HM
- ✔ ISO 6743/4 HM
- ✔ DIN 51524 P2 HLP
- ✔ CINCINNATI MILACRON P68, P69, P70
- ✔ DENISON HF0, HF1, HF2, (T6H20C)
- ✔ VICKERS M-2950S, -I-286

Description

High quality mineral lubricant with anti-wear additives designed for use in hydraulic systems and hydrodynamic circuits. It is available in different degrees of viscosity in order to satisfy different technical needs. The product line is recommended for all types of systems, such as: hydrodynamic energy transfer, hydraulic and hydrostatic systems. Some possible fields of application are found in the sectors:

- Transportation
- Construction/mining
- Chemical/metallurgical
- Mechanics
- Navy

The product is obtained by selecting the purest paraffinic base oils to guarantee a good, naturally high viscosity index, resistance to oxidation and excellent filterability performance and good demulsing characteristics.
It guarantees extended use intervals thanks to its high thermal stability and resistance to oxidation.
The product creates a persistent lubricating film between the sliding parts of the hydraulic circuit that lasts over time and resists high loads and pressures, ensuring a constant flow that avoids pressure losses due to friction and cavitation, protection of the moving parts and good efficiency of the circuit.

Characteristics

PROPERTY	U.M.	ISO 32	ISO 46	ISO 68	METODO
Aspect	-	clear & bright	clear & bright	clear & bright	-
Color	-	0.5	1.5	2.0	ASTM D-1500
Density (at 20°C)	kg/dm3	0.870	0.875	0.880	ASTM D-4052
Viscosity (at 100°C)	cSt	5.4	6.8	8.9	ASTM D-7279
Viscosity (at 40°C)	cSt	32	46	68	ASTM D-7279
Viscosity Index (VI)	-	102	102	104	ASTM D-2270
Flash point	°C	205	220	230	ASTM D-92
Pour point	°C	-30	-24	-24	ASTM D-5950

The above data does not constitute a specification, represents typical production values and are subject to normal manufacturing tolerances.

This lubricant, under normal conditions of use and handling, does not present particular risks to human health. However, a safety data sheet is available upon request.