

Mabanol Helium Hyd HVLP ZF

High VI Hydraulic Fluids – zinc and ash-free

Application

Mabanol Helium Hyd HVLP ZF oils are formulated to be used with hydraulic systems which are exposed to extreme temperature fluctuations. This includes the entire range of mobile hydraulic units as well as all stationary units used outdoors (scrap metal presses, lock gates, loading equipment, nautical hydraulics, etc.). The multigrade characteristics of the high-VI hydraulic oils allow an extensive reduction in the number of types of hydraulic fluid being stored thus practically removing the danger of the user applying the wrong fluid. Ordering and storage within the individual operation are much simplified.

Mabanol Helium Hyd HVLP ZF can be used everywhere where HLP (ISO 11158 HV) or HVLP (DIN 51 524 Part 3) hydraulic fluids are demanded.

Properties

Mabanol Helium Hyd HVLP ZF oils are mineral based pressure fluids with particularly good viscosity temperature characteristics (high-VI hydraulic fluids/multigrade hydraulic fluids). Paraffinic virgin base oils are used exclusively in their manufacture. These provide maximum efficiency in systems operation, even with extreme temperature fluctuations and when starting hydraulic units at sub-zero temperatures. Optimal wear, corrosion and oxidation protection properties ensure maximum operational reliability of the hydraulic systems along with increased oil retention times and minimal maintenance costs.

Standards

- HVLP according to DIN 51524 Part 3
- HV according to ISO 11158

Data

Viscosity Classification

	Test method	Unit	32	46	68
Density at 15°C	DIN 51 757	g/cm ³	0,869	0,873	0,878
Kin. Viscosity at 40°C	DIN EN ISO 3104	mm ² /s	32,1	45,7	67,8
Kin. Viscosity at 100°C	DIN EN ISO 3104	mm ² /s	6,28	8,13	10,9
Viscosity Index (VI)	DIN ISO 2909		150	152	152
Flash point COC	DIN ISO 2592	°C	212	232	240
Pourpoint	DIN ISO 3016	°C	-30	-33	-33

Updated in March 2021

The above values may vary within the commercial limits.

Customs Tariff No.: 2710 1983