

# Mabanol TG Hyd HVLP

## High VI Hydraulic Fluids

### Application

Mabanol TG Hyd HVLP 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 Mabanol TG Hyd HVLP allow for 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 TG Hyd HVLP can be used everywhere where HLP or HVLP hydraulic fluids are demanded.

### Properties

Mabanol TG Hyd HVLP 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 freezing 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.

### Standard

- DIN 51 524-HVLP

### Key Data

### Viscosity Classification

	Test method	Unit	15	32	46	68
Density at 15°C	DIN 51 757	g/cm <sup>3</sup>	0.854	0.870	0.874	0.878
Kin. Viscosity at 40°C	DIN 51 562	mm <sup>2</sup> /s	15.3	30.0	47.6	72.0
Kin. Viscosity at 100°C	DIN 51 562	mm <sup>2</sup> /s	3.84	5.97	8.36	11.4
Viscosity Index (VI)	DIN ISO 2909		150	149	152	151
Flash point COC	DIN ISO 2592	°C	180	220	230	230
Pourpoint	DIN ISO 3016	°C	-42	-36	-36	-33
FZG-Test A/8, 3/90	DIN ISO 14635	Fail stage	11	12	12	12

The above values may vary within the commercial limits.

Customs Tariff No.: 2710 1983