

# Mabanol Helium Hyd HVLP-D

## HVLPD-Detergent Hydraulic Fluid

### Application

Mabanol Helium Hyd HVLP-D can be universally employed in all mobile hydraulic equipment (excavators, wheel loaders, bulldozers, truck hydraulic systems etc.) and in stationary machine tools and production machinery. Mabanol Helium Hyd HVLP-D provides substantial advantages over conventional hydraulic fluids in all applications where maximum operating reliability, lowest wear, high system cleanliness and steady motion at varying working temperatures are required. In actual practice, Mabanol Helium Hyd HVLP-D is a problem solver for minimizing slip stick phenomena, even at extremely unfavourable starting and stopping feed and finest feed.

### Properties

Mabanol Helium Hyd HVLP-D is a detergent and dispersant containing hydraulic fluid with extremely good viscosity temperature behaviour (high VI and multigrade hydraulic fluids). Mabanol Helium Hyd HVLP-D emulsifies water and water soluble cutting fluids without any real adverse effect on the excellent lubrication and anticorrosion properties. Sticky residues and deposits in the system are mobilized (detergent), transported to filters and removed from the system when the filter is changed. Contaminates entering the system are held in suspension (dispersion) and filtered off. Oil change intervals are increased substantially without the risk of malfunction or increasing wear.

### Standards

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

### Data

### Viscosity Classification

	Test method	Unit	46
Density at 15°C	DIN 51 757	g/cm <sup>3</sup>	0,871
Kin. Viscosity at 40°C	DIN EN ISO 3104	mm <sup>2</sup> /s	45,9
Kin. Viscosity at 100°C	DIN EN ISO 3104	mm <sup>2</sup> /s	8,17
Viscosity Index (VI)	DIN ISO 2909		153
Flash point COC	DIN ISO 2592	°C	228
Pourpoint	DIN ISO 3016	°C	-39
FZG test A/8, 3/90	DIN ISO 14635	SKS	12

Updated in June 2023

The above values may vary within the commercial limits.

Customs Tariff No.: 2710 1983