

Hydraulic oil

AUTOL HVLP-D 46

DIN 51 524 T.3 HVLP
ISO 11158 HV

AUTOL HVLP-D 46 is a mineral-based multigrade hydraulic oil featuring highly effective EP additives, detergent/dispersant properties, and a high viscosity index.

Characteristics (typical figures):

Characteristic	Unit	Value	Test method
Kin. Viscosity at 40°C	mm ² /s	45,9	DIN EN ISO 3104
Kin. Viscosity at 100°C	mm ² /s	8,17	DIN EN ISO 3104
Viscosity index	-	> 150	DIN ISO 2909
Density at 15°C	g/cm ³	0,871	DIN 51 757
Flash point	°C	228	DIN ISO 2592
Pour point	°C	- 39	DIN ISO 3016
FZG test A/8,3/90	SKS	> 12	DIN ISO 14 635

Properties and performance:

AUTOL HVLP-D 46 is a detergent and dispersant hydraulic oil based on mineral oil, offering excellent viscosity-temperature characteristics. It dissolves deposits, keeps contaminants in suspension, and emulsifies water and cooling lubricants without significantly impairing lubricating or anti-corrosion properties. Special additives improve sliding characteristics and prevent stick-slip effects.

AUTOL HVLP-D 46 is suitable for mobile hydraulic systems (excavators, wheel loaders, bulldozers, truck hydraulics, etc.) as well as stationary equipment in manufacturing and machine tool applications. It ensures maximum operational reliability, minimal wear, system cleanliness, and smooth, consistent operation across varying operating temperatures.

AUTOL HVLP-D 46 exceeds the requirements for hydraulic oils set by DIN 51 524 Part 3 and ISO 11158 (with the exception of demulsibility) in important performance areas.