

## Hydraulic oil

### AUTOL HVLP 46 RDE

DIN 51 524 T.3 HVLP  
ISO 11158 HV

**AUTOL HVLP 46 RDE** is a mineral multigrade hydraulic oil with highly effective additives and a high viscosity index with particularly good viscosity-temperature behaviour.

#### Characteristics (typical figures):

Characteristic	Unit	Value	Test method
Kin. Viscosity at 40°C	mm <sup>2</sup> /s	49,0	DIN EN ISO 3104
Kin. Viscosity at 100°C	mm <sup>2</sup> /s	8,8	DIN EN ISO 3104
Viscosity index	-	160	DIN ISO 2909
Density at 15°C	g/cm <sup>3</sup>	0,875	DIN 51 757
Flash point	°C	214	DIN ISO 2592
Pour point	°C	-36	DIN ISO 3016

#### Properties and performance:

**AUTOL HVLP 46 RDE** offers the best possible wear and corrosion protection, even under the highest mechanical loads. The oxidation inhibitor ensures maximum aging stability and enable longer oil residence times, thus reducing maintenance requirements.

The good filterability prevents filter blockages in hydraulic systems.

**AUTOL HVLP 46 RDE** can be used wherever HVLP or HLP hydraulic oils are required. It is particularly suitable for hydraulic systems exposed to highly fluctuating temperatures, such as mobile hydraulics and stationary systems (scrap presses, lock gates, loading units, ship hydraulics, etc.).

**AUTOL HVLP 46 RDE** can be used in systems where the stricter Bosch Rexroth RDE 90235 standard is required. This specification includes, among other things, a new, practically relevant pump and motor test, as well as a specific seal test.

**AUTOL HVLP 46 RDE** meets the requirement of:

Bosch Rexroth RDE 90235 – BR-1010-0375  
Bosch Rexroth Fluid Rating List RDE 90245  
Arburg  
Eaton E-FDGN-TB0002-E  
Parker Denison HF-0  
ASTM D 6158  
SAE MS 1004