



# Product Data Sheet

## Aminol™ Hydraulic HVLP 100

Hydraulic oil

### Product description

Aminol™ Hydraulic HVLP 100 is a high-performance anti-wear hydraulic oil derived from premium quality raffinates. Engineered to deliver exceptional protection and performance, it excels in various applications, including most mobile equipment, operating efficiently across a wide range of ambient temperatures.

### Application

- Industrial and mobile equipment hydraulic systems operating at high pressures and temperatures in critical applications
- Systems where cold start-up and high operating temperatures are typical
- Systems requiring a high degree of load-carrying capability and anti-wear protection
- Machines employing a wide range of components using various metallurgy

### Features & Benefits

- Exceptional thermal and oxidation stability
- Superior wear resistance
- Enhanced corrosion protection
- Excellent anti-foam properties
- Ultra clean performance

### Typical Properties

Property	Unit	Test method	Typical value
ISO viscosity grade	-	-	100
Density at 15°C	g/cm <sup>3</sup>	ASTM D4052	0.894
Kinematic Viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445	100
Kinematic Viscosity at 100°C	mm <sup>2</sup> /s	ASTM D445	15.25
Viscosity Index	-	ASTM D2270	160
Flash Point (COC)	°C	ASTM D92	246
Pour Point	°C	ASTM D97	-24



Water separability	min	ASTM D7451	15
-time to 3 ml emulsion min	min	ASTM D7451	15
Oxidation Stability after 1000h/TAN increase	min	ASTM D4310	<1.0
Copper Strip Corrosion, 3 h, 100 °C	-	ASTM D130	1
Rust-Preventing Characteristics, A&B	-	ASTM D665	Pass
FZG EP Wear Test (A 8.3/90)	-	ASTM D 5182	12
Failure Load Stage	-	ASTM D 5182	12

Typical property characteristics are based on current production. Whilst future production will conform to Aminol™ specifications, variations in these characteristics may occur.

### Performance claims

- DIN 51524-3 (HV)
- ISO 11158 (HV)
- ASTM D6158 (HV)
- SAE MS 1004
- AIST 126/127
- GB 11118.1-2011 (L-HV)

### Health, Safety & Environment

- **Health and Safety**

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained.

For further guidance on Product Health & Safety refer to the appropriate Safety Data Sheet which can be obtained upon request or through our website: [www.aminol.az](http://www.aminol.az)

- **Protect the Environment**

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

### Available pack sizes

- 1 L Canister plastic
- 4 L Canister plastic
- 5 L Canister plastic
- 7 L Canister plastic
- 20 L Canister plastic
- 30 L Canister plastic
- 200 L Drum sheet metal
- 1000 L Container



## Storage

- We recommend to store all packages under cover.
- Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings.
- Products should not be stored above 60 °C, exposed to hot sun or freezing conditions.

## Notes

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