

# Product Information

## AVENO Mineral Hydraulic HLP 15

0002-000237



### Description

AVENO Mineral Hydraulic HLP 15 is an optimally alloyed hydraulic oil. It has a high level of performance and a wide range of applications within the entire industry. It offers an excellent wear protection under extreme loads. AVENO Mineral Hydraulic HLP 15 is characterized especially by a very good viscosity and temperature behavior, high resistance to aging and reliable corrosion protection.

### Instructions for use

AVENO Mineral Hydraulic HLP 15 is suitable for all industrial and mobile hydraulic systems of various constructions. It is recommended for thermally highly stressed hydraulic systems with high-pressure pumps of all models, in sensitive control systems, and also for the supply of small gear units and for use in circulation systems.

### Quality classification

#### Specification

- AFNOR NF E 48-603 HM
- ASTM D6158
- CETOP RP 91H HM
- DIN 51524-2
- GB 111118.1 L-HL
- ISO 11158 HM
- ISO 6743-4 HM
- SAE MS1004 HM
- Swedish Standard SS 155434
- VDMA 24318

#### Recommendation

- Bosch Rexroth RE 90220
- Danieli Hydraulics
- Metso
- Sauer-Danfoss 520L0463

### Properties

- High resistance to aging
- Neutrality towards sealants
- Extensive protection against wear, corrosion and foaming
- A very stable and excellent viscosity and temperature behavior

### Technical specifications

Properties	Data	Unit	Testing under
Kinematic Viscosity at 40°C	15.0	mm <sup>2</sup> /s	DIN 51659-2:2017-02
Kinematic Viscosity at 100°C	3.5	mm <sup>2</sup> /s	DIN 51659-2:2017-02
Viscosity Index	113		DIN ISO 2909:2004-08
Appearance	LIGHT YELLOW		VISUELL
Density at 15°C	840	kg/m <sup>3</sup>	DIN EN ISO 12185:1997-11
Pour Point	-51	°C	ASTM D 7346:2015