

SRS Wiolan H-540

HVLP-Hydraulic Fluid



September 2024

Characteristics

SRS Wiolan H-540 is a standard hydraulic fluid for military equipment, i. e. rescue tanks, tanks for launching bridges, bridge laying tanks, flail tanks, mine clearing tanks/vehicles, cranes with power steering, hydraulic actuators lifting hydraulics and similar applications.

It guarantees very good wear- and corrosion protection even at high mechanical loads and offers extremely good oxidation behaviour. The excellent viscosity index of more than 270 keeps the operational characteristics steady even under extreme temperature fluctuations. Furthermore, SRS Wiolan H-540 is characterized by a very high shear stability.

Application

SRS Wiolan H-540 is intended for use in hydraulic equipment such as power assisted steering, lifting hydraulics for loading and salvage devices and similar applications. Best cold start performance at low temperatures, and the use at high operating temperatures ensure a wide operating temperature range of - 30 ° C to + 100 ° C.

Performance / Specification

- NATO-Kode H-540
- Bw-Kode HY5025
- Hydraulic oil HVLP acc. DIN 51524 Part 3

Approvals

SRS Wiolan H-540 is approved namely by Bundeswehr with quality certificate B-0279 according to the specification TL 9150-0035/8 and TL 9150-0035/9.

SRS Wiolan H-540 is a product of the H&R ChemPharm GmbH.

Typical Data		Test Method	SRS Wiolan H-540
Designation		DIN 51 502	HVLP
Colour		DIN ISO 2049	L 2.0
Density at 15°C	g/cm ³	DIN 51 757	0.891
Kin. Viscosity at - 40°C	mm ² /s	DIN EN ISO 3104	7,100
Kin. Viscosity at 40°C	mm ² /s	DIN EN ISO 3104	36.9
Kin. Viscosity at 100°C	mm ² /s	DIN EN ISO 3104	10.0
Viscosity Index (VI)		DIN ISO 2909	272
Flash Point COC	°C	DIN ISO 2592	130
Pour Point	°C	DIN ISO 3016	- 57
FZG-Test A/8.3/90	Fail Stage	DIN ISO 14 635	11
Corrosion Protection:			
Seawater Immersion Test	Result	DIN 51 358	0

The above values may vary within the commercial limits.

Made in Germany