

# SRS Wiolan HSG 46



## Detergent HLPD-Hydraulic Fluid

May 2023

### Characteristics

**SRS Wiolan HSG 46** is a mineral oil based hydraulic fluid with detergent and dispersant additives. Adhering particles and deposits are removed (detergent) and kept in suspension (dispersant), along with contaminants which may have entered the system. Water and water based cutting fluids are emulsified.

### Application

**SRS Wiolan HSG 46** is suitable for all hydraulic systems in which HLP fluids are prescribed. The main field of application are mobile hydraulics (excavators, bulldozers, wheel loaders, truck hydraulic systems). SRS Wiolan HSG 46 has proven itself in practice in hydraulic controls and in precision hydraulics, as well as in hydraulics of machine tools with connected slideway lubrication and in maintenance units of compressed air systems for the lubrication of pneumatic tools. Operating problems in hydraulic systems caused by contamination and wear can be largely avoided by using SRS Wiolan HSG 46.

### Performance / Specifications

SRS Wiolan HSG 46 exceeds the requirements for HLP hydraulic oils according to DIN 51 524, part 2 and for hydraulic oils HM according to ISO 11158 in many important properties.

The requirements for HLP hydraulic fluids prescribed by DIN 51 524, Part 2 and the requirements for HM hydraulic fluids prescribed by ISO 11158 (except demulsibility) are met and even outperformed in many quality characteristics.

SRS Wiolan HG is also applicable where lead containing bearings are fitted.

### Approvals

- Hydraulic oil HLP acc. DIN 51524 Part 2
- Hydraulic oil HM acc. ISO 11158
- Lubricating oil DLP acc. DIN 51 502

SRS Wiolan HSG 46 hydraulic fluid is a products of the H&R ChemPharm GmbH.

Typical Data	Test Method	SRS Wiolan HSG 46
Designation	DIN 51 502	HLPD 46
	DIN EN ISO 6743/4	HM 46
Density at 15°C	g/cm <sup>3</sup>	DIN 51 757
		0.873
Kin. Viscosity at 40°C	mm <sup>2</sup> /s	DIN EN ISO 3104
		46
Kin. Viscosity at 100°C	mm <sup>2</sup> /s	DIN EN ISO 3104
		6.7
Flash Point COC	°C	DIN EN ISO 2592
		244
Pour Point	°C	DIN EN ISO 3016
		-27

The above values may vary within the commercial limits.

**Made in Germany**