

# SRS Wiolan HSG



## Detergent HLPD-Hydraulic Fluids

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### Characteristics

**SRS Wiolan HSG** are mineral oil based hydraulic fluids 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** are 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 are proven 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.

### Performance / Specifications

SRS Wiolan HSG hydraulic fluids exceed 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 hydraulic fluids are 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 series are products of the H&R ChemPharm GmbH.

Typical Data	Test Method	SRS Wiolan HSG		
		32	46	68
Designation	DIN 51 502	HLPD 32	HLPD 46	HLPD 68
	DIN EN ISO 6743/4	HM 32	HM 46	HM 68
Density at 15°C	g/cm <sup>3</sup>	0.871	0.873	0.881
Kin. Viscosity at 40°C	mm <sup>2</sup> /s	32	46	69.3
Kin. Viscosity at 100°C	mm <sup>2</sup> /s	5.3	6.7	8.5
Flash Point COC	°C	218	244	240
Pour Point	°C	-30	-27	-30

The above values may vary within the commercial limits.

**Made in Germany**