

# SRS Wiolan HVG 46



## HVLPD-Detergent Hydraulic Fluid

January 2016

### Characteristics

**SRS Wiolan HVG 46** is a detergent and dispersant containing hydraulic fluid with extremely good viscosity temperature behaviour (high VI and multigrade hydraulic fluids). SRS Wiolan HVG 46 emulsifies water and water soluble cutting fluids without any real adverse effect on the excellent lubrication and anticorrosion properties. Sticky residues and deposits in the system are mobilized (detergent), transported to filters and removed from the system when the filter is changed. Contaminates entering the system are held in suspension (dispersion) and filtered off. Oil change intervals are increased substantially without the risk of malfunction or increasing wear.

### Application

**SRS Wiolan HVG 46** can be universally employed in all mobile hydraulic equipment (excavators, wheel loaders, bulldozers, truck hydraulic systems etc.) and in stationary machine tools and production machinery. SRS Wiolan HVG 46 provides substantial advantages over conventional hydraulic fluids in all applications where maximum operating reliability, lowest wear, high system cleanliness and steady motion at varying working temperatures are required. In actual practice, SRS Wiolan HVG 46 is a problem solver for minimizing slip stick phenomena, even at extremely unfavourable starting and stopping feed and finest feed.

### Performance / Specifications

**SRS Wiolan HVG 46** exceeds the requirements for hydraulic fluids as described in DIN 51 524 Part 3 and the requirements for HV hydraulic fluids prescribed by ISO 11158 (except demulsibility) in important quality characteristics.

### Approvals

- Hydraulic oil HVLP acc. DIN 51524 Part 3
- Hydraulic oil HV acc. ISO 11158

SRS Wiolan HVG oils are products of the H&R ChemPharm GmbH.

Typical Data		Test Method	SRS Wiolan HVG 46
Designation		DIN 51 502	HVLPD 46
		DIN EN ISO 6743/4	HV 46
Density at 15°C	g/cm <sup>3</sup>	DIN 51 757	0.874
Kin. Viscosity at 40°C	mm <sup>2</sup> /s	DIN EN ISO 3104	45.6
Kin. Viscosity at 100°C	mm <sup>2</sup> /s	DIN EN ISO 3104	8.11
Viscosity Index (VI)		DIN ISO 2909	152
Flash Point COC	°C	DIN ISO 2592	228
Pour Point	°C	DIN ISO 3016	-42
FZG-test A/8.3/90	Fail stage	DIN ISO 14635	12

The above values may vary within the commercial limits.

**Made in Germany**