

# SRS Wiolan HV



## HVLP-Hydraulic Fluids

February 2018

### Characteristics

**SRS Wiolan HV** are mineral oil based high-VI hydraulic fluids with particularly good viscosity temperature behaviour. Highly solvent refined paraffinic neutral base stocks are used exclusively. SRS Wiolan HV provides maximum efficiency and smooth hydraulic system operation, even with extreme temperature fluctuations or starts at sub-zero temperatures. Optimal wear, corrosion and oxidation protection properties ensure a maximum in operating reliability of hydraulic systems along with increased oil retention times and reduced maintenance costs. Easy filterability of SRS Wiolan HV hydraulic fluids is required condition for current hydraulic units, filter clogging is prevented.

### Application

**SRS Wiolan HV** is especially appropriate to use in hydraulic systems which are exposed to extreme temperature fluctuations. This includes the entire range of mobile hydraulics as well as all outdoor stationary units (scrap metal presses, lock gates, loading equipment, marine hydraulics etc.). The multigrade character of SRS Wiolan HV allow for an extensive product rationalization, to prevent confusion and incorrect use. Ordering and storage within the operation are simplified. SRS Wiolan HV can be used everywhere where HLP or HVLP hydraulic fluids are prescribed.

### Performance / Specifications

**SRS Wiolan HV** hydraulic fluids are shear stable and outperform the requirements for HVLP hydraulic fluids described in DIN 51 524 Part 3 and by ISO 11158 HV.

### Approvals

- Hydraulic oil HVLP acc. DIN 51524 Part 3
- Hydraulic oil HV acc. ISO 11158
- ZF Approval Number ZF003460 / ZF003461  
ZF TE-ML 04R<sup>1</sup>

<sup>1</sup> for SRS Wiolan HV 32 and SRS Wiolan HV 46

SRS Wiolan HV series are products of the H&R ChemPharm GmbH.

Typical Data	Test Method	SRS Wiolan HV			
		15	32	46	68
Designation	DIN 51 502	HVLP 15	HVLP 32	HVLP 46	HVLP 68
	DIN EN ISO 6743/4	HV 15	HV 32	HV 46	HV 68
Density at 15°C	g/cm <sup>3</sup>	0.878	0.869	0.874	0.878
Kin. Viscosity at 40°C	mm <sup>2</sup> /s	15.0	31.8	45.9	67.5
Kin. Viscosity at 100°C	mm <sup>2</sup> /s	3.8	6.23	8.12	10.8
Viscosity Index (VI)	DIN ISO 2909	149	149	150	151
Flash Point COC	°C	174	220	228	232
Pour Point	°C	-45	-36	-39	-39
FZG-Test A/8.3/90	Fail stage		12	12	12

The above values may vary within the commercial limits.

**Made in Germany**