SRS Wiolan HG

Detergent HLPD-Hydraulic Fluids – Zinc free

SCHMIERSTOFF VERTRIEB GMBH

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Characteristics

SRS Wiolan HG are mineral oil based hydraulic fluids with detergent and dispersant additives. Adhering particles and deposits are removed (detergent) and held intentionally in suspension (dispersant), along with contaminants which may have entered the system. SRS Wiolan HG emulsifies water and water based cutting fluids without any substantial adverse effects on the excellent lubrication and anticorrosion properties. Polar additives in SRS Wiolan HG improve friction behaviour and prevent stick slip, even under extremely unfavourable operating conditions.

Application

SRS Wiolan HG is suitable for all hydraulic systems for which normal HLP fluids are prescribed. The main field of application are mobile hydraulics (excavators, bulldozers, wheel loaders, truck hydraulic systems, especially F.X. Meiller) From experience SRS Wiolan HG has shown its qualification in hydraulic control units and precision hydraulic systems. SRS Wiolan HG is also particularly well suited for use in hydraulic systems of machine tools with integrated slide way lubrication, and maintenance units of pneumatic compressors for the lubrication of air tools. Operating problems in hydraulic systems caused by contamination and wear can be largely avoided by using SRS Wiolan HG.

Performance / Specifications

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 HG hydraulic fluids are products of the H&R ChemPharm GmbH.

Typical Data		Test Method	SRS Wiolan HG					
			10	22	32	46	68	100
Designation		DIN 51 502	HLPD 10	HLPD 22	HLPD 32	HLPD 46	HLPD 68	HLPD 100
		DIN EN ISO 6743/4	HM 10	HM 22	HM 32	HM 46	HM 68	HM 100
Density at 15°C	g/cm³	DIN 51 757	0.855	0.865	0.873	0.880	0.882	0.887
Kin. Viscosity at 40°C	mm²/s	DIN EN ISO 3104	10	22	32	45	68	102.4
Kin. Viscosity at 100°C	mm²/s	DIN EN ISO 3104	2.7	4.3	5.4	6.7	8.6	10.9
Flash Point COC	°C	DIN ISO 2592	165	195	205	210	225	264
Pour Point	°C	DIN ISO 3016	-30	-30	-27	-27	-24	-27
FZG-Test A/8.3/90	Fail stage	DIN ISO 14635	12	>12	>12	>12	>12	>12

The above values may vary within the commercial limits.

Made in Germany

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