

SRS Wiolgan HE 46



Environmentally Friendly HEES-Hydraulic Fluid

May 2012

Characteristics

SRS Wiolgan HE 46 is a fully synthetic, rapidly biodegradable hydraulic fluid on TMP ester with additives for maximum performance. SRS Wiolgan HE 46 is miscible with conventional mineral oil based hydraulic fluids in all ratios and at all temperatures with no adverse effects for an oil change to this eco-friendly product. The outstanding high temperature stability, together with very good low temperature fluidity, prevents deposits and sticky residuals caused by oxidation products.

Application

SRS Wiolgan HE 46 contains highly effective additives to protect against the corrosion and wear of all materials present in hydraulic systems. It is especially recommended for use in all hydraulic systems of the construction, agriculture and forestry equipment, for example, excavators, bulldozers, wheel loaders, forestry machinery, lock hydraulics, etc. as well as wherever the risk of leakage into the environment can not be excluded. SRS Wiolgan HE 46 is essentially compatible with varnishes, paints, gaskets and seals.

Performance / Specifications

SRS Wiolgan HE 46 exceeds the requirements of type HEES hydraulic oils described in VDMA 24 568. According to OECD 301 B, SRS Wiolgan HE 46 has a biodegradability of greater than 80 %.

SRS Wiolgan HE 46 is a product of H&R ChemPharm GmbH.

Typical Data		Test Methods	SRS Wiolgan HE 46
Designation		DIN EN ISO 6743/4	HEES 46
Color		DIN ISO 2049	L 1.0
Density at 15°C	g/cm ³	DIN 51 757	0.921
Kin. Viscosity at 40°C	mm ² /s	DIN EN ISO 3104	46
Kin. Viscosity at 100°C	mm ² /s	DIN EN ISO 3104	9.2
Viscosity Index (VI)		DIN ISO 2909	185
Flash Point COC		DIN ISO 2592	265
Pour Point		DIN ISO 3016	-45
LAV at 50°C		DIN ISO 9120	1
Steel Corrosion		DIN ISO 7120	0-B
Copper Corrosion		DIN EN ISO 2160	1-125 A 3
FZG test A/8.3/90		DIN ISO 14 635	12

The above values may vary within the commercial limits.

Made in Germany