

SRS Wiolan HB

Premium HLP Hydraulic Fluids



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Characteristics

SRS Wiolan HB hydraulic fluids are high quality hydraulic fluids based on modern baseoils and innovative additives.

SRS Wiolan HB hydraulic fluids provide excellent wear and corrosion protection even under maximum mechanical loads, as well as an excellent oxidation stability. Longest oil change intervals signify lower maintenance costs and high profitability. The improved thermal and hydrolytic stability, excellent seal compatibility, and optimum cleanliness of the hydraulic system distinguish the SRS Wiolan HB hydraulic oils. Significant reduction of wear values of hydraulic components compared to standard HLP hydraulic oil and a long service life of the oil filling are achieved by the use of SRS Wiolan HB hydraulic oils.

Application

SRS Wiolan HB hydraulic oils have been developed specifically for use in high developed hydraulic systems where the new stricter Bosch Rexroth RDE 90235 specification is recommended. The specification includes a new practice relevant pump / engine durability test, as well as a specific seal test. SRS Wiolan HB hydraulic oils are claimed under a high load over several hundred hours of operation at high temperatures as well as at low viscosities in different cycles.

Performance / Specifications

The requirements for HLP hydraulic fluids prescribed by DIN 51 524, Part 2 are met and even outperformed in many quality characteristics.

Approvals / Recommendations

- Bosch Rexroth Fluid Rating List RDE 90245 (Rating Number BR-1010-0090)
- Bosch Rexroth RDE 90235
- Arburg¹
- Hydraulic oil HLP acc. DIN 51524 Part 2
- Hydrauliköl HM acc. ISO 11158
- Hydrauliköl HM acc. ASTM D 6158
- Parker Denison HF-0
- US Steel 126, 127, 136
- Eaton Brochure 03-401-2010
- Fives-Cincinnati P-68, P-69, P-70

¹ for SRS Wiolan HB 46

SRS Wiolan HB hydraulic fluids are products of the H&R ChemPharm GmbH.

Typical Data	Test Method	SRS Wiolan HB		
		32	46	68
Designation	DIN 51 502	HLP 32	HLP 46	HLP 68
	DIN EN ISO 6743/4	HM 32	HM 46	HM 68
Density at 15°C	g/cm ³	0,869	0.873	0.877
Kin. Viscosity at 40°C	mm ² /s	31.8	46.6	68.1
Kin. Viscosity at 100°C	mm ² /s	5.3	6.8	8.6
Flash Point COC	°C	232	242	260
Pour Point	°C	-30	-27	-24

The above values may vary within the commercial limits.

Made in Germany