

SRS Wiolan HN



HL-Hydraulic Fluids – zinc free

February 2020

Characteristics

SRS Wiolan HN hydraulic fluids are blended with highly solvent refined paraffinic base oils offering excellent corrosion and oxidation protection. They withstand substantial thermal stresses and possess excellent air release properties and good low temperature fluidity.

Application

SRS Wiolan HN hydraulic fluids have impressively demonstrated their suitability in applications where EP properties are not permitted due to the requirements for the coefficient of friction. In addition, the use of SRS HN hydraulic fluids is recommended for all small manual hydraulic systems with only moderate wear protection demands like clamping, straightening, bending tools, lifting cylinders, hydraulic vehicle jacks etc.

Performance / Specifications

The requirements for HL hydraulic fluids prescribed by DIN 51 524, Part 1 and ISO 11158 are met and even outperformed in many quality characteristics.

Approvals

- Hydraulic oil HL acc. DIN 51524 Part 1
- Hydraulic oil HL acc. ISO 11158

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

Typical Data	Test Method	SRS Wiolan HN						
		5	10	22	32	46	68	100
Designation	DIN 51 502 DIN EN ISO 6743/4	-	HL 10	HL 22	HL 32	HL 46	HL 68	HL 100
Density at 15°C	g/cm ³ DIN 51 757	0.84	0.854	0.868	0.872	0.878	0.881	0.883
Kin. Viscosity at 40°C	mm ² /s DIN EN ISO 3104	4.97	10.1	22.2	32.1	46.1	68.1	101
Kin. Viscosity at 100°C	mm ² /s DIN EN ISO 3104	1.69	2.63	4.26	5.35	6.65	8.56	10.7
Flash Point COC	°C DIN ISO 2592	137	194	210	226	237	241	245
Pour Point	°C DIN ISO 3016	-42	-33	-27	-27	-27	-27	-21

The above values may vary within the commercial limits.

Made in Germany