

SRS Wiolan CD



Air Compressor Oils

August 2014

Characteristics

SRS Wiolan CD compressor oils are manufactured from highly solvent refined paraffinic base oils with high natural VI and flash point. Due to the high thermal load found in many compressors, excellent oxidation stability and minimal residue formation are indispensable requirements, which are met from SRS Wiolan CD. Its good temperature viscosity characteristics, ensures good lubrication at high and low temperature. This contributes substantially to prevent wear. Excellent demulsibility and low foaming tendency are further outstanding characteristics of SRS Wiolan CD.

Application

SRS Wiolan CD compressor oils have proven themselves particularly well in thermally-stressed reciprocating and rotary compressors. Further potential applications are thermally-stressed plain and roller bearings in circulating oil systems, e.g., plastics and rubber calenders, paper machinery, rotary kilns, etc. The Unfallverhütungsvorschrift (accident prevention regulation) VBG 16 should be observed for compressor operation.

Performance / Specifications

SRS Wiolan CD compressor oils conform to the most stringent requirements of DIN 51 506. Because they fulfil the requirements of Group VDL, they meet also the requirements for Group VBL and VCL.

SRS Wiolan CD compressor oils meet the requirements of ISO 6743 part 3 DAA, DAG and DAH and can also be used in screw compressors.

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

Typical Data	Test Method	SRS Wiolan						
		CD 32	CD 46	CD 68	CD 100	CD 150	CD 220	CD 320
Designation	DIN 51 502	VDL32	VDL46	VDL68	VDL100	VDL150	-	-
Colour	DIN ISO 2049	L 1.0	1.0	L 1.5	L 2.0	2.5	L 3.0	3.5
Density at 15°C	g/cm ³ DIN 51 757	0.872	0.873	0.877	0.881	0.886	0.892	0.894
Kin. Viscosity at 40°C	mm ² /s DIN EN ISO 3104	32	45	68	99	150	222	322
Kin. Viscosity at 100°C	mm ² /s DIN EN ISO 3104	5.5	6.6	8.7	11.1	14.3	18.3	23.5
Viscosity Index (VI)	DIN ISO 2909	107	97	99	97	92	90	92
Flash Point COC	°C DIN ISO 2592	210	235	250	260	265	280	290
Pour Point	°C DIN ISO 3016	- 12	- 12	- 12	- 12	- 12	- 12	- 9

The above values may vary within the commercial limits.

Made in Germany