

SRS Wiolan CN



Industrial Gear Oils

September 2020

Characteristics

SRS Wiolan CN series are highly solvent refined paraffinic neutral mineral oils, which respond very effectively to selected antioxidants and corrosion inhibitors to surpass the requirements for circulating oils.

Application

In practice, **SRS Wiolan CN** circulating oils are used wherever the application of CLP oils is not necessarily required, but where high thermal stresses can occur.

Performance / Specifications

- CL acc. to DIN 51 517 part 2 (ISO VG 32 – 680)
- CKB acc. to ISO 12925 - 1 (ISO VG 32 – 680)
- CKB acc. to ISO 6743 – 6 (ISO VG 32 – 680)
- HL acc. to DIN 51 524 part 1 (ISO VG 10 – 150)
- VB/VBL acc. to DIN 51 506 (ISO VG 22 – 460)

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

Typical Data	Test Method	SRS Wiolan					
		CN 5	CN 10	CN 22	CN 32	CN 46	CN 68
Designation	DIN 51 502	CL 5	CL 10	CL 22	CL 32	CL 46	CL 68
Colour	ASTM D 6045	0.5	0.5	1.0	1.0	1.0	1.5
Density at 15°C	g/cm ³ DIN 51 757	0.84	0.854	0.868	0.872	0.878	0.881
Kin. Viscosity at 40°C	mm ² /s DIN EN ISO 3104	4.97	10.1	22.2	32.1	46.1	68.1
Kin. Viscosity at 100°C	mm ² /s DIN EN ISO 3104	1.69	2.63	4.26	5.35	6.65	8.56
Flash Point COC	°C DIN ISO 2592	137	194	210	226	237	241
Pour Point	°C DIN ISO 3016	-42	-33	-27	-27	-27	-27
Steel Corrosion	Grade DIN 51 585	0 - B	0 - B	0 - B	0 - B	0 - B	0 - B

Typical Data	Test Method	SRS Wiolan					
		CN 100	CN 150	CN 220	CN 320	CN 460	CN 680
Designation	DIN 51 502	CL 100	CL 150	CL 220	CL 320	CL 460	CL 680
Colour	ASTM D 6045	2.0	2.5	3.0	3.5	3.5	4.0
Density at 15°C	g/cm ³ DIN 51 757	0.883	0.886	0.890	0.893	0.896	0.899
Kin. Viscosity at 40°C	mm ² /s DIN EN ISO 3104	101	150	218	322	462	666
Kin. Viscosity at 100°C	mm ² /s DIN EN ISO 3104	10.7	14.2	18.3	23.2	30.2	38.3
Flash Point COC	°C DIN ISO 2592	245	287	294	290	313	320
Pour Point	°C DIN ISO 3016	-21	-15	-9	-9	-12	-9
Steel Corrosion	Grade DIN 51 585	0 - B	0 - B	0 - B	0 - B	0 - B	0 - B

The above values may vary within the commercial limits.

Made in Germany