

SRS Wiolan KF



Refrigerator Oils

October 2011

Characteristics

SRS Wiolan KF refrigerator oils are highly refined naphthenic base oils, resistant against oxidation with a high purity. The distinctive low temperature fluidity guarantees a trouble free operation. Precipitations and the risk of clogging of governor systems as well as deposits in the evaporator are avoided. The excellent thermal stability prevents residue formation and associated malfunctions even at high compression temperatures.

Application

SRS Wiolan KF refrigerator oils can be used in refrigerator equipments operating with refrigerants of Group KAA (NH₃ or CO₂) or Group KC (halogenated hydrocarbons). SRS Wiolan KF refrigerator oils have favourable miscibility characteristics with halogenated refrigerants as well as excellent stability against refrigerants.

Performance / Specifications

SRS Wiolan KF refrigerator oils exceed the requirements of DIN 51 503 as well as of the groups KAA and KC.

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

Typical Data	Test Method	SRS Wiolan KF			
		KF 22	KF 32	KF 46	KF 68
Designation	DIN 51 502	KAA/KC	KAA/KC	KAA/KC	KAA/KC
Colour	DIN ISO 2049	0.5	L 1.0	L 1.0	L 1.5
Density at 15°C	g/cm ³ DIN 51 757	0.902	0.906	0.910	0.914
Kin. Viscosity at 40°C	mm ² /s DIN EN ISO 3104	22	32	46	68
Kin. Viscosity at 100°C	mm ² /s DIN EN ISO 3104	3.7	4.8	5.8	7.3
Flash Point COC	°C DIN ISO 2592	175	180	190	215
Pour Point	°C DIN ISO 3016	-51	-45	-42	-39
Neutralization Number	mgKOH/g DIN 51 558/2	0.01	0.01	0.01	0.01
Refrigerant Stability	h DIN 51 593	> 96	> 96	> 96	> 96
R12 Insoluble	% DIN 51 590/1	0.02	0.02	0.02	0.03

The above values may vary within the commercial limits.

Made in Germany