



RENOLIN SC MC

Cooling and Lubricating oils for sliding vane and screw-type compressors based on special MC synthetic oils

The Renolin SC MC series was developed to meet the increased demands of sliding vane and screw-type compressors. Due to function, there is intensive turbulence of cooling oil and oxygen from the air. At final compression temperatures up to 110°C, the oils are exposed to serious attack by oxidation, which accelerates aging. The selection of special oils of the MC-synthesis and additives makes long-term operation free of malfunctions possible. For optimum function of the oil separator, air release capacity and low foaming tendency are characteristics of oils for screw-type compressors.

A high viscosity index with shear stability, as well as very good aging behavior and the above mentioned requirements describe the performance capability of the Renolin SC MC series, which make extension of the service intervals possible.

DESCRIPTION :

Air compressor lubricants for oil-injected sliding vane and screw-type compressors with a compression temperature of up to 110°C. For compression of other media, please contact our applications engineering department. Consult manufacturer's specifications.

BENEFITS/ADVANTAGES :

- MC Synthetic oil base
- Very good viscosity-temperature behavior
- Multigrade character
- Good cold-start performance
- Very good aging behavior
- Extension of service intervals possible
- High, shear-stable VI
- Low evaporation
- Low coking
- Good demulsification capability.

TYPICAL CHARACTERISTICS

RENOLIN SC MC SERIES	METHOD	UNIT	32	46	68
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	31.80	46.35	71.00
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	5.91	8.81	11.08
Viscosity Index (VI)	ASTM D 2270	-	130	173	160
Color	ASTM D 1500	-	L 0.5	L 1.0	L 1.0
Density @ 15°C	ASTM D 1250	Kg/L	0.8379	0.8392	0.8520
Flash Point (COC)	ASTM D 92	°C	238	254	240
Appearance	VISUAL	-	Clear	Clear	Clear

While the information and figures given here are typical of current production and confirm to specification, minor variations may occur. No warranty expressed or implied is given concerning the accuracy of the information or the suitability of the products.