

CompStar SK Series

Fully Synthetic Refrigeration Oils Based on Alkyl Benzene

CompStar®

Description

CompStar SK Series is fully synthetic refrigeration oils based on chemically and thermally stable alkyl benzene.

Excellent solubility and excellent stability with HCFC refrigerants.

Application

Suitable for very low evaporation temperatures down to 60°C - 80° C. Particularly good miscibility with HCFC refrigerants, such as R22.

CompStar SK Series products are also recommended for use with Drop-In refrigerants (R402A/B, R401A/B, etc.).

CompStar SK series products are also suitable for the cylinder lubrication of heavy duty reciprocating air compressors (discharge temperature > 200 °C).

Properties

High chemical stability with refrigerants, low foaming tendency and excellent lubrication properties

Very good miscibility behavior with refrigerants allowing a good oil return to the compressor. (Particularly down to – 60 °C at the evaporator).

Typical Analysis

Analysis	Method	Unit	CompStar	CompStar	CompStar
			SK30	SK68	SK100
Viscosity @ 40°C	ASTM D 445	cSt	30	68.1	96
Viscosity @ 100°C	ASTM D 445	cSt	4.3	7.3	7.9
Density @ 15°C	ASTM D 4052	g/cm ³	0.87	0.87	0.87
Pour Point	ASTM D 97	°C	-45	-45	-40
Flash Point COC	ASTM D 92	°C	174	194	195
Acid Value	ASTM D 974	mgKOH/g	0.01	0.01	0.01
Water Content	ASTM D1533	PPM	<100	<100	<100

*These values are not intended for use in preparing specification

Package

4L/20L/200L