

CompStar PAG Series

Fully Synthetic Refrigeration Oils Based Polyalkylene Glycol (PAG)

CompStar®

Description CompStar PAG Series is high performance refrigeration lubricant based poly-alkylene glycol (PAG)

Suitable for all kinds of automotive air conditioning application, particularly good miscibility with R134a and wide operating temperature ranges

Excellent solubility and excellent stability with HCFC refrigerants

Application Perfectly suitable for application with the refrigerant R134a used in car and truck air conditioning systems

Synthetic refrigeration oil containing a special additive system. For stationary HFC/FC systems, also suitable for hydrocarbon and CO₂ applications.

CompStar PAG Series is also developed for car air-conditioning systems with HFO-1234yf.

Properties Good miscibility with HFC refrigerants such as R134a, improved compressor efficiency.

Greater lubricity to improve energy efficiency and reduce maintenance cost, High chemical stability to extend service life for reliability.

Typical Analysis

Analysis	Method	Unit	CompStar PAG 46	CompStar PAG 56	CompStar PAG 68	CompStar PAG 100
Viscosity @ 40°C	ASTM D 445	cSt	46	56	68	100
Viscosity @ 100°C	ASTM D 445	cSt	10.7	12	14.5	20
Density @ 15°C	ASTM D 4052	g/cm ³	0.99	0.99	0.99	0.99
Pour Point	ASTM D 97	°C	-51	-48	-45	-42
Flash Point COC	ASTM D 92	°C	240	245	252	260
Acid Value	ASTM D 974	mgKOH/g	0.1	0.1	0.1	0.1
Water Content	ASTM D1533	PPM	<0.05	<0.05	<0.05	<0.05

*These values are not intended for use in preparing specification

Package 4L/20L/200L