



POE 100 Hybrid

POE Lubricant for Hybrid/Electric Vehicles with R134a

POE 100 synthetic lubricant for Hybrid & Electric vehicles is composed of a mixture of esters of polyols and additives specifically formulated to achieve a better lubricity, chemical and thermal stability and excellent anti-wear protection of the A/C system in vehicles with hybrid and gasoline-electric power.

POE 100 Hybrid & Electric offers a better mixing with the R134a refrigerant, even at lower temperatures. It was developed to have a high level of resistance to electricity: this feature is essential in hybrid systems.

AUTOMOTIVE APPLICATIONS

Method and reference unit	POE 100 for Hybrid/Electric Vehicles	Reference Method
ISO VG	100	
Kinematic viscosity @ 40°C (cSt)	100	ASTM-D445
Kinematic viscosity @ 100°C (cSt)	11	ASTM-D445
Kinematic index	99	ASTM-D2270
Pour point (°C)	-33	ASTM-D 97
Flash point (°C)	260	ASTM-D 92
Density @ 15°C (g/cm³)	0,958	ASTM-D4052
Humidity content (ppm)	22	ASTM-E1064
Total acidity (mg KOH/g)	<0,02	ASTM-D 974
Volume Resistivity	1x10e14 Ω.cm	ASTM-D2624
Color (APHA)	90	ASTM-D1209
Reaction catalyst residue (ppm)	<0,02	IM

It is suggested a dosage as close as possible to the quantity needed. For the biggest formats, it is recommended to quickly close the container and keep it in a cool and dry place in order to avoid the formation of moisture.

Keep the product between -40 ° C and + 60 ° C.

Do not expose to sunlight.

