

TEC-GUARD CHEMICAL

PAG Oil ISO 100

Performance Benefits

- High miscibility in R-134a refrigerant
- Excellent lubricity
- High viscosity indices
- Good oxidative, thermal and chemical stability
- Outstanding long-term durability
- Compatible with hydrogenated nitrile butadiene rubber (HNBR) and neoprene
- Low pour points
- Low toxicity, good biodegradability for low-viscosity PAGs
- Low moisture content
- Superior total acid number (TAN)

Product Advantages

- Wide range of compatibility with a variety of compressor technologies
- Unique formulation rivals performance of "double end-cap" products
- PAG lubricity provides inherent polarity and a natural affinity for metal surfaces
- High viscosity indices maintain viscosity in hot compressor and demonstrate excellent low-temperature flow properties

TYPICAL PHYSICAL PROPERTIES ¹	UNITS	VALUES
Appearance		Colorless to slightly yellow
Viscosity @ 40°C, ASTM D7042:	cSt	112.65
Viscosity Index (VI), ASTM D2270		200.18
Pour Point, ASTM D97	deg °C	-48
Flash Point (Closed Cup), ASTM D93	deg °C	>300
Water Content at manufacture, ASTM E203	ppm	<500
Specific Gravity, 20/20°C		.985

NOTE: ¹Typical properties; not to be construed as specifications

Note: Tec-Guard makes no warranty or representation either expressed or implied, including warranty of merchantability or fitness concerning this product except that it conforms to the chemical description on the label. All risks resulting from the use of this product are to be borne by the buyer at its sole expense. Neither Tec-Guard nor the seller shall be responsible in any manner for any personal injury or property damage, or other type of loss resulting from the handling, storage, or use of this product

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