



A/C PAG OIL 488

REFRIGERATION LUBRICANT

PRODUCT DESCRIPTION

A/C PAG Oil 488 is a polyalkylene glycol (PAG) lubricant designed specifically for use with refrigerant R-134a. It is a high-viscosity refrigeration lubricant that exhibits good miscibility in R-134a and provides superior lubricity. General Motors Corporation has given its “Factory Approved” rating, which meets GM Material Specification No. 9985752.

TYPICAL PROPERTIES

Appearance		Clear blue liquid
Base Fluid Characteristics	ASTM D 7042	
Viscosity (100°C)		26 cSt
Viscosity (40°C)		132 cSt
Viscosity Index	ASTM D 2270	235
Pour Point	ASTM D 97	-54.4°F (-48°C)
Flash Point		
Pensky-Martens Closed Cup	ASTM D 93	399°F (204°C)
Cleveland Open Cup	ASTM D 92	494.6°F (257°C)
Total Acid Number		0.57 mg KOH/g
pH 10%, 77°F (25°C)		5.0 - 8.0
Water Content	ASTM E 203	0.1%
Specific Gravity, 20/20°C		1.051
R-134a Miscibility		
Separation Temp @ 3% lube by wt		105.8°F (41°C)
Separation Temp @ 10% lube by wt		96.8°F (36°C)
Separation Temp @ 20% lube by wt		98.6°F (37°C)
Sealed Tube Stability with R-134a (14 days; 175°C; Al, Fe, Cu catalysts)		Clear fluid. No ppt. All metals shiny.

PRODUCT NUMBER

8434200000

HEALTH AND SAFETY

For health and safety guidance, please refer to the Chemtool SDS (Safety Data Sheets).

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