



Mastercool®
"World Class Quality"

1 ASPEN DRIVE, RANDOLPH, NJ 07869
PHONE: 973-252-9119 / FAX: 973-252-2455
WEB: WWW.MASTERCOOL.COM

PAG 46



SPECIFICATIONS:

• Viscosity at 40°C (cSt):	43.0 - 50.0
• Viscosity at 100°C (cSt):	—
• Viscosity Index:	>190
• Density at 20°C (g/ml):	1.035
• Pour point (°C):	-52
• Flash point - COC (°C):	>200
• TAN (mgKOH/g):	<0.10
• Moisture Content (%):	<0.20
• Colour (Pt/Co):	50 max
• Appearance:	Clear and free of visible particulates

* Not for use with hybrid or electric vehicles

* Please refer to compressor manufacturer oil recommendations

HIGH-PERFORMANCE PAG BASE FLUIDS FOR DEMANDING APPLICATIONS

Mastercool's PAG 46 oil is a top-tier synthetic compressor oil engineered from a specialized blend of water-insoluble polyalkylene glycols and high-performance automotive additives. Designed for exceptional automotive A/C system lubrication, it utilizes advanced Double End Capping technology to deliver superior chemical and physical stability throughout its service life. This formulation prevents degradation and ensures optimal miscibility with standard vehicle refrigerant gases, supports peak compressor performance and system longevity.

- **Double-End PAG Technology:** Provides optimized miscibility with R134a and R1234yf refrigerant gases for smooth integration.
- **Maximized Oil Return:** Ensures maximum fluid return to the compressor to keep your A/C system running at peak efficiency.
- **Outstanding Pressure Performance:** Space-filling fluid model delivers excellent hydrodynamic properties that significantly minimize mechanical wear.
- **Lower Moisture Absorption:** Absorbs less water than classic PAG oils, protecting components against internal corrosion.
- **Superior Stability:** Features excellent thermal, chemical, and hydrolytic stability for improved system reliability and extended lifespan.

92709-46-32: PAG 46 Oil (32 oz (946 ml) bottle)



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PAG 100



SPECIFICATIONS:

• Viscosity at 40°C (cSt):	90.0 - 110.0
• Viscosity at 100°C (cSt):	—
• Viscosity Index:	>200
• Density at 20°C (g/ml):	1.042
• Pour point (°C):	<-45
• Flash point - COC (°C):	>210
• TAN (mgKOH/g):	<0.10
• Moisture Content (%):	<0.05
• Colour (Pt/Co):	50 max
• Appearance:	Clear and free of visible particulates

* Not for use with hybrid or electric vehicles

* Please refer to compressor manufacturer oil recommendations

HIGH-PERFORMANCE PAG BASE FLUIDS FOR DEMANDING APPLICATIONS

Mastercool's PAG 100 oil is a top-tier synthetic compressor oil engineered from a specialized blend of water-insoluble polyalkylene glycols and high-performance automotive additives. Designed for exceptional automotive A/C system lubrication, it utilizes advanced Double End Capping technology to deliver superior chemical and physical stability throughout its service life. This formulation prevents degradation and ensures optimal miscibility with standard vehicle refrigerant gases, supports peak compressor performance and system longevity.

- **Double-End PAG Technology:** Provides optimized miscibility with R134a and R1234yf refrigerant gases for smooth integration.
- **Maximized Oil Return:** Ensures maximum fluid return to the compressor to keep your A/C system running at peak efficiency.
- **Outstanding Pressure Performance:** Space-filling fluid model delivers excellent hydrodynamic properties that significantly minimize mechanical wear.
- **Lower Moisture Absorption:** Absorbs less water than classic PAG oils, protecting components against internal corrosion.
- **Superior Stability:** Features excellent thermal, chemical, and hydrolytic stability for improved system reliability and extended lifespan.

53826: PAG 100 Oil (2 oz Cartridge)

92709-100-8: PAG 100 Oil (8 oz (236 ml) bottle)

92709-100-32: PAG 100 Oil (32 oz (946 ml) bottle)



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PAG 150



SPECIFICATIONS:

Physical Property:	Analytical Method	Value (PAG 150)
• ISO Viscosity Grade:	—	150
• Kinematic Viscosity at 40°C:	ASTM-D445	150 cSt
• Kinematic Viscosity at 100°C:	ASTM-D445	25 cSt
• Viscosity Index:	ASTM-D2270	200
• Pour Point:	ASTM-D97	-40°F (-40°C)
• Flash Point:	ASTM-D93	446°F (230°C)
• Density at 15°C:	ASTM-D1298	1.005 g/cm³
• Moisture Level:	ASTM-D6304	300 ppm
• Total Acid Number:	ASTM-D974	0.05 mg KOH/g
• Refrigerant Gas Compatibility:	R134a, R1234yf	

* Not for use with hybrid or electric vehicles.

* Please refer to compressor manufacturer oil recommendations

PREMIUM PAG 150 A/C COMPRESSOR OIL

Mastercool's Premium PAG 150 is a top-tier synthetic compressor oil engineered from a specialized blend of water-insoluble polyalkylene glycols and high-performance automotive additives. Designed for exceptional automotive A/C system lubrication, it utilizes advanced Double End Capping technology to deliver superior chemical and physical stability throughout its service life. This formulation prevents degradation and ensures optimal miscibility with standard vehicle refrigerant gases, supports peak compressor performance and system longevity.

- **Double-End PAG Technology:** Provides optimized miscibility with R134a and R1234yf refrigerant gases for smooth integration.
- **Maximized Oil Return:** Ensures maximum fluid return to the compressor to keep your A/C system running at peak efficiency.
- **Outstanding Extreme Pressure Performance:** Space-filling fluid model delivers excellent hydrodynamic properties that significantly minimize mechanical wear.
- **Lower Moisture Absorption:** Absorbs less water than classic PAG oils, protecting components against internal corrosion.
- **Superior Stability:** Features excellent thermal, chemical, and hydrolytic stability for improved system reliability and extended lifespan.

92709-150-8: PAG 150 Oil (8 oz (236 ml) bottle)

92709-150-32: PAG 150 Oil (32 oz (946 ml) bottle)