



DOT 5 Silicone Brake Fluid

Meets Mil-PRF-46176B, DOT 5 & SAE J 1705 (Society of Automotive Engineers)



DOT 5 Silicone Brake Fluid is a hydrophobic Silicone-based fluid that provides excellent lubrication and corrosion protection.

DOT 5 Silicone Brake Fluid (DOT V) is formulated for use in hydraulic brake systems. Unlike Dot 3 and Dot 4 Brake fluids, DOT 5 is hydrophobic and will not absorb water.

DOT 5 Silicone Brake Fluid (DOT V) is composed of hydrophobic Polydimethylsiloxane (CAS# 63148-62-9) and Tributylphosphate (CAS# 126-73-8). Due to the tributyl additive, DOT V has a bluish-purple appearance.

DOT 5 Silicone Brake Fluid is identified by military symbol BFS and NATO code No. H-547 and meets Mil-PRF-46176.

DOT 5 Silicone Brake Fluid provides corrosion protection and lubrication of the brake system components. In addition, it has a higher dry boiling point (260°C) and wet boiling point (180°C) than conventional glycol-based brake fluids. Clearco DOT 5 Silicone Brake Fluid will not damage paint as well.

Features

- Silicone Based
- Hydrophobic
- Blue-Viscous Fluid
- Non-Flammable
- Meet Mil-PRF 46176 and Mil-PRF-46176B
- Meets NSN 9150-01-0728379
- Wide Service temperature range
- Will not damage paint
- Will not absorb moisture
- Long service life

Specifications

Chemical Name	Polydimethylsiloxane
Appearance	Blue-purple viscous fluid
Military specs met	PRF-46176 PRF-46176B
Meets NSN No.	NSN-9150-01-0728379 NSN-9150-01-1029455
Availability	1-gallon & 5-gallon pails
Minimum Order	1-gallon (3.785 liters)

CAS Information

Polydimethylsiloxane.....	CAS# 63148-62-9
Tributylphosphate.....	CAS# 126-73-8
Di-2-Ethylexyl Sebacate.....	CAS# 122-62-3

Typical Product Data

Viscosity	Specific Gravity	Appearance	Minimum Dry Boiling Point	Minimum Wet Boiling Point	Flash Point PMCC	Low Temp Stability	Maximum Volatility %
42.7cSt	0.958	Blue fluid	260°C	180°C	>204°C	-55°C	NA

Packaging

1-gallon.....	3.6kg / 8lbs
5-gallon pail.....	18kg / 40lbs
55-gallon drum.....	200kg / 440 lbs
F.O.B. Phila, PA U.S.A.	

For More Info, Contact:

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