



Molykote[®] Silicone Brake Fluid

FEATURES & BENEFITS

- Meets Federal Motor Vehicle Safety Standard (FMVSS) 116 DOT 5
- Meets MIL-PRF-46176B specification
- Extreme high and low temperature performance which translates to consistent brake performance and reduced brake fade
- Low water absorbing performance over lifetime of the fluid. Resist corrosion due to low water content and anticorrosion additives
- Excellent compatibility with braking system components including polymers, elastomers and paints

COMPOSITION

- Polydimethyl Siloxane
- Performance Additives

Silicone based DOT 5 brake fluid

APPLICATIONS

- Molykote[®] Silicone Brake Fluid is used in high performance braking systems including high performance vehicles, racing vehicles, motor cycles, and some military vehicles, and for applications that require FMVSS 571.116 DOT 5 or conformance to MIL-PRF-46176B specification.

TYPICAL PROPERTIES

Specification Writers: These values are not intended for use in preparing specifications. Please contact your local Dow Corning sales office or your Global Dow Corning Connection before writing specifications on this product.

Test	Property	Unit	Result
5.1.1	Equilibration Reflux Boiling Point (ERBP)	°C	> 260
5.1.2	Wet Equilibration Reflex Boiling Point	°C	> 260
	Vapor Lock Temperature	°C	> 260
5.1.3	Kinematic Viscosity		
	@ -40°C	mm ² /sec	115
	@ 100°C	mm ² /sec	6
5.1.16	Corrosion Metal Strip – Weight Loss		
	Steel, Tinned Iron, Cast Iron	mg/cm ²	0.01
	Aluminum	mg/cm ²	0.01
	Brass, Copper	mg/cm ²	0.01
5.1.14	Color		Purple
	Specific Gravity @ 25°C		0.95

DESCRIPTION

Molykote[®] Silicone Brake Fluid is a polydimethylsiloxane fluid fortified with performance additives to meet FMVSS 571.116 DOT 5 designation and MIL-PRF-46176B specification.

HOW TO USE

Material should be used in new systems or as designed by OE. Material is not to be mixed with other brake fluid chemistries.

**HANDLING
PRECAUTIONS
PRODUCT SAFETY
INFORMATION REQUIRED FOR
SAFE USE IS NOT INCLUDED IN
THIS DOCUMENT. BEFORE
HANDLING, READ PRODUCT
AND SAFETY DATA SHEETS
AND CONTAINER LABELS FOR
SAFE USE, PHYSICAL AND
HEALTH HAZARD
INFORMATION. THE SAFETY
DATA SHEET IS AVAILABLE ON
THE DOW CORNING WEBSITE
AT DOWCORNING.COM, OR
FROM YOUR DOW CORNING
SALES APPLICATION
ENGINEER, OR DISTRIBUTOR,
OR BY CALLING
DOW CORNING CUSTOMER
SERVICE.**

USABLE LIFE AND STORAGE

When stored at or below 40°C (104°F) in the original unopened containers, this product has a usable life of 60 months from the date of production.

PACKAGING INFORMATION

This product is available in 18 kg pails, 195 kg drums and 950 kg IBCs.

LIMITATIONS

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

HEALTH AND ENVIRONMENTAL INFORMATION

To support customers in their product safety needs, Dow Corning has an extensive Product Stewardship organization and a team of Product Safety and Regulatory Compliance (PS&RC) specialists available in each area.

For further information, please see our website, dowcorning.com or consult your local Dow Corning representative.

LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that our products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

Dow Corning's sole warranty is that our products will meet the sales specifications in effect at the time of shipment.

Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

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