



SILICONE BRAKE FLUID

DOT 5 Brake Fluid

Issue: September 2015

Product Code	Pack Size	Carton Qty
BFSIL0005	500 ml	6



Description

SILICONE BRAKE FLUID is a premium quality, fully synthetic silicone brake fluid designed for use where **DOT 5** Silicone brake fluids are required. It fully meets the requirements of the US FMVSS 116 DOT 5 Specification.

Application

SILICONE BRAKE FLUID is recommended for re-fill or top-up of brake and clutch systems in all vehicles and equipment that specify a DOT 5 Silicone fluid. It can be used for first fill or refilling a system that already contains DOT 5 fluid.

SILICONE BRAKE FLUID is suitable for use in on and off road vehicles, competition vehicles and motorcycles for all applications. It resists the formation of vapours that can cause a loss in braking performance and has an extremely high boiling point (>300 °C), providing good pedal feel and fade free braking. It is not hygroscopic so will not absorb water maintaining stability through the life of the fluid.

SILICONE BRAKE FLUID is non-toxic and non-corrosive and will not damage automotive painted surfaces, hoses, seals or other materials. It is compatible with most modern braking system components including seals, calipers and brake hoses.

SILICONE BRAKE FLUID should be changed according to the manufacturer's specifications.

PLEASE NOTE:

- **DO NOT MIX** this product with **DOT 3, DOT 4, SUPER DOT 4 or DOT 5.1** type brake fluids.
- **DO NOT USE** where low viscosity fluids such as **SUPER DOT 4 ESP** type fluids are required.
- Some ABS systems are **NOT COMPATIBLE** with DOT 5 fluids. Care should be taken to use the correct type of brake fluid as recommended by the manufacturer of the system.
- For vehicles that require a mineral oil based product, **Penrite LHM Plus** should be used.
- Not all vehicles or braking systems are suitable for use with DOT 5 Silicone Brake Fluid. Please consult the vehicle or braking system manufacturer for further advice.

Product Benefits

- Excellent braking feel due to stable viscosity over a wider temperature range than Polyglycol type fluids.
- Does not absorb water and is safe for paintwork and non-toxic
- High boiling point >300°C / (572 ° F) resisting fade and vapour lock
- High wet boiling point >220 °C (428 °F) ensuring retention of stopping power over life of fluid.
- Compatible with most modern brake system materials.

Industry Specifications

US FMVSS 116 DOT 5

Typical Data

Colour	Purple
Equilibrium Reflux Boiling Point (dry), (minimum)	>300 °C(575 °F)
Equilibrium Reflux Boiling Point (wet), (typical)	>220 °C(428 °F)
Density at 20°C, kg/L	0.955
Viscosity, Kinematic, cSt	
at 100°C	13.9
at -40°C	150

Information in this sheet is based on recent production. Minor variations to typical properties are expected in normal manufacture and do not affect product performance. A MSDS is available on request.



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