



# DOT 5.1 BRAKE FLUID

## Brake Fluid

Issue: June 2015

Product Code	Pack Size	Carton Qty
DOT510005	500 ml	6



### Description

**DOT 5.1 Brake Fluid** is a premium quality, full synthetic, **non-silicone**, DOT 5.1 brake fluid designed for use in a wide range of brake and clutch applications.

### Application

**DOT 5.1 Brake Fluid** is recommended for re-fill or top-up of brake and clutch systems in passenger cars, 4WD's, motorcycles, light and heavy duty commercial vehicles, mining, construction, agricultural and all other moving vehicle types that require a non petroleum based brake & clutch hydraulic fluid.

**DOT 5.1 Brake Fluid** is suitable for use where the vehicle manufacturer specifies either DOT 3, DOT 4, Super DOT 4 or DOT 5.1 fluids. It is also suitable for use with all types of seals, hoses and other brake and clutch system parts.

**DOT 5.1 Brake Fluid** is suitable for use where lower viscosity fluids (at -40C) are required in colder climatic conditions in the latest ABS braking systems with micro valves, that require a lower viscosity and faster circulating fluid to perform correctly.

**DOT 5.1 Brake Fluid** can be used for first fill or refilling a brake or clutch system. For best results, the system should always be flushed with Penrite Brake Fluid DOT 5.1 fluid prior to first fill or before refilling the system. It should be replaced in accordance with the vehicle manufacturer's specifications.

#### Please Note:

- **DO NOT** mix this product with **SILICONE DOT 5** or **MINERAL** type brake fluids.
- For vehicles that require mineral based products i.e. Citroen, **Penrite LHM Plus** should be used.
- Silicone type assembly compounds should not be used in conjunction with this product.
- Avoid contact with skin, varnish & paint. If skin contact occurs wash with water.

**Caution:** Brake Fluids are naturally hygroscopic and will absorb water from the air. This will lower the effectiveness of the product. After opening bottle, ensure cap is resealed tightly to avoid water contamination.

### Product Benefits

- Suitable where DOT 5.1 fluids are required.
- Low viscosity (at -40C), suitable for faster fluid circulation in micro-valves of ABS systems
- High boiling point 275° C / 525° F
- High wet boiling point ensuring retention of stopping power over life of fluid.
- Compatible with DOT 3, DOT 4 & Super DOT 4 brake & clutch fluids.
- Compatible with all common brake systems & materials.

### Industry Specifications

FMVSS 116 DOT 5.1 NON SILICONE BASE  
SAE J1703/ J1704

DOT 4 and DOT 3  
ISO 4925 (5.1, 4 & 3)

### Typical Data

Colour	Amber
Equilibrium Reflux Boiling Point (dry), (minimum)	269° C / 515° F
Equilibrium Reflux Boiling Point (wet), (typical)	185° C
Density at 20°C, kg/L	1.069
Viscosity, Kinematic, cSt	
at 100°C	2.1
at -40°C	820

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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