



PENRITE



**85% REDUCTION
IN LANDFILL
WASTE**

BRAKE FLUID DOT 5.1

Last updated: 07/12/2017 9:45 am

PRODUCT CODE	PACK SIZE	CARTON QTY
DOT510005	500mL	6

PRODUCT BENEFITS

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.

ADDITIONAL PRODUCT INFORMATION

- [Click Here](#) for Technical Bulletin on Brake Fluid Testers
- [Click Here](#) for Technical Bulletin on Choosing the Right Brake Fluid
- [Click Here](#) for Technical Bulletin on Rolls Royce 363 and Mineral Brake Fluid

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 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.
- Vehicles requiring mineral based fluid i.e. Citroen, [Penrite LHM Plus](#) should be used.
- Silicone 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), for faster fluid circulation in micro-valves of ABS systems
- High boiling point 269° C / 515° F
- High wet boiling point ensuring retention of stopping power over life of fluid.
- Compatible with DOT 3, DOT 4 & Super DOT 4 & clutch fluids.
- Compatible with all common brake systems & materials.

INDUSTRY & MANUFACTURER'S SPECIFICATIONS

- DOT 3
- DOT 4
- DOT 5.1
- FMVSS 116 DOT 5.1 NON SILICONE BASE
- ISO 4925 Class 3
- ISO 4925 Class 4
- ISO 4925 Class 5.1
- SAE J1703
- SAE J1704





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TYPICAL DATA

Colour	Clear
Density at 20 °C, kg/L	1.069
Viscosity, Kinematic, cSt at -40 °C	820
Viscosity, Kinematic, cSt at 100 °C	2.1
Equilibrium Reflux Boiling Point (wet), (typical)	185 °C (365 °F)
Equilibrium Reflux Boiling Point (dry), (typical)	269 °C (515 °F)