



PENRITE



**85% REDUCTION
IN LANDFILL
WASTE**

DOT 5.1 BRAKE FLUID

Last updated: 17/11/2022 4:33 pm

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. It can also be used in vehicles with ABS (Anti Brake Skid), AEB (Auto Emergency Braking) and ESP (Electronic Stability Program) systems where **Penrite Brake Fluid DOT 4 ESP** was previously used.

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 either DOT 3, DOT 4, Super DOT 4 or DOT 5.1 fluids are specified. It is also suitable for use with all types of seals, hoses and other brake and clutch system parts. It is suitable for use where lower viscosity fluids (at -40°C) are required in colder climatic conditions in the latest ESP, ABS and AEB 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 and for ESP and AEB braking systems.
- Low viscosity (at -40°C), 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 the life of the fluid
- Compatible with DOT 3, DOT 4 & Super DOT 4 brake & clutch fluids
- Compatible with all common brake systems & materials

PRODUCT PERFORMANCE LEVELS

- | | |
|---------------------------------------|----------------------|
| • DOT 3 | • ISO 4925 Class 4 |
| • DOT 4 | • ISO 4925 Class 5.1 |
| • DOT 5.1 | • ISO 4925 Class 6 |
| • DOT 5.1 LV | • ISO 4925 Class 7 |
| • FMVSS 116 DOT 5.1 NON SILICONE BASE | • SAE J1703 |
| • Ford WSS-M6C65-A2 | • SAE J1704 |
| • ISO 4925 Class 3 | |



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TYPICAL DATA

Colour	Amber
Density at 20°C, kg/L	1.067
Viscosity, Kinematic, cSt at -40°C	690
Viscosity, Kinematic, cSt at 100°C	2.04
Equilibrium Reflux Boiling Point (wet), (typical)	184°C (363°F)
Equilibrium Reflux Boiling Point (dry), (typical)	274°C (525°F)