

TECHNICAL DATA SHEET

POLYGARD DOT 4 ESP BRAKE and CLUTCH FLUID



DESCRIPTION

POLYGARD DOT 4 ESP BRAKE & CLUTCH FLUID has been specifically developed for vehicles fitted with ESP (Electronic Stability Programme). It has been formulated to maximise braking performance under arduous conditions, and is especially suitable for vehicles with Anti-Locking Brake Systems (ABS) as well as motorcycles fitted with disk braking systems.

POLYGARD DOT 4 ESP BRAKE & CLUTCH FLUID exceeds the performance requirements of the following internationally recognised specifications;

- FMVSS 116 DOT 4
- SAE J 1704 (2016)
- ISO 4925 : 2005(E) (Class 6)

POLYGARD DOT 4 ESP BRAKE & CLUTCH FLUID is a high quality Glycol based Brake Fluid, the high performance additives and inhibitors; offer the following features and benefits:

- The Excellent low temperature viscosity allows efficient circulation in micro-valves associated with ABS braking systems.
- The formulated additives and inhibitors, ensure complete system lubrication, long-term system corrosion protection, and ensure superior oxidative stability.
- Compatibility of the fluid will all seals and metals used in conventional braking systems requiring glycol based fluids.

APPLICATIONS & Handling

Flush the system through with at least 1 Litre of POLYGARD DOT 4 ESP BRAKE & CLUTCH FLUID to ensure the system is purged of all the old brake fluid.

POLYGARD DOT 4 ESP BRAKE & CLUTCH FLUID:

- Is suitable for all hydraulic brake and clutch systems where a DOT 4 or Dot 3 fluid is specified
- Mixes safely with DOT 3, DOT 4 and DOT 5.1 brake fluids. However, the mixtures high performance cannot be guaranteed.
- Is suitable for both complete changes and top ups.
- Only store in original packaging.
- Store in dry location and avoid extreme temperatures.



TYPICAL PROPERTIES DATA:

<u>TEST PARAMETER</u>	<u>DOT 4 Specification</u>	<u>Polygard Test Data</u>
Equilibrium Reflux Boiling Point °C	230° C min	256
Wet Equilibrium Reflux Boiling Point °C	155° C min	186
Viscosity @ -40° C (cSt)	750 max	650
@ 100° C (cSt)	1.5 min	2
Specific Gravity @ 20° C	N/A	1.06
pH Value	7 - 11.5	7.84
Aspect	N/A	Clear yellow liquid

PRECAUTIONS

POLYGARD DOT 4 ESP BRAKE & CLUTCH FLUID:

- Is NOT SUITABLE for Citroen or other brake fluid systems requiring mineral based fluids. Do not mix with Silicone (DOT 5) or mineral based (LHM) brake fluids.
- All brake fluids absorb moisture from the atmosphere, therefore must be checked or changed regularly.
- Brake Fluids should be kept clean and dry. Dirt or water contamination can affect the performance of the brake fluid, and could cause brake system failure.
- Can adversely affect vehicle paintwork, remove spills immediately with water.
- Contains Polyalkylene Glycol Ethers. Product classified as Irritant. Risk of serious damage to eyes. Keep out of reach of children. Avoid skin and eye contact.

(For further details see – POLYGARD DOT 4 ESP BRAKE & CLUTCH FLUID SAFETY DATA SHEET)