

Product Description

Mobil Brake Fluid Universal is a high quality amber fluid based on polyglycol ethers and containing corrosion inhibitors.

Mobil Brake Fluid Universal meets these specifications and performance requirements:

- SAE J1703 (Latest Revision)
- Ford Specification
- BLS/BF2/2
- Federal Motor Vehicle Safety Standard No. 116
- DOT 4
- ISO 4925

Benefits

Mobil Brake Fluid Universal offers the following benefits:

- Excellent lubricating properties reduce wear
- Outstanding physical and chemical stability
- Excellent corrosion protection for metal components
- Good low temperature fluidity and high boiling point, give wide operational range and minimises vapour lock at high operating temperatures
- Good resistance to deterioration after prolonged exposure to humid conditions
- Good compatibility with seal materials gives long component life

Applications

Mobil Brake Fluid Universal is recommended for automotive type hydraulic brake and clutch systems, particularly those imposing increased demands on fluid media due to higher operating temperatures induced by disc brakes, caravan towing and increased use of automatic transmissions which give reduced engine braking.

MOST IMPORTANT

The rubber components used in most automotive hydraulic systems swell and deteriorate quickly when in contact with mineral oil. All containers and equipment used for servicing hydraulic brakes must be kept exclusively for brake fluid and kept scrupulously clean. Even small quantities of moisture from exposure to air can reduce the boiling point of hydraulic brake fluid. Only Mobil Brake Fluid Universal should be used for cleaning the system.

Properties

Mobil Brake Fluid Universal retains excellent performance characteristics over long periods including exposure to high humidity atmospheres. It has a minimum equilibrium reflux boiling point of 260°C (500°F) required by Ford Specification SAM-6C-9103A, British Leyland Specification BIS/BS2/2 and many other car manufacture specifications which require DOT 4 brake fluids.

Health and Safety

Based on available toxicological information, it has been determined that this product poses no significant health risk when used and handled properly.

Details on handling, as well as health and safety information, can be found in the Material Safety Data Bulletin which can be obtained through Mobil Oil Company Ltd., by telephoning 01372 22 2000.

Typical physical characteristics are given in the table. These are intended as a guide to industry and are not necessarily manufacturing or marketing specifications.

Product Characteristics

Test Requirement	Specification Limits SAE J1703	Specification FMVSS No.116 DOT 4	Mobil Brake Fluid Universal
Equilibrium Reflux b.p. °C min	205	230	263
Wet Equilibrium Reflux b.p. °C min.	140	155	168
Flash Point °C COC	-	-	154
Viscosity, cSt at 40°C max	1800	1800	1200
Viscosity, cSt at 100°C max	1.5	1.5	2.3
pH value	7/11.5	7/11.5	8

Due to continual product research and development, the information contained herein is subject to change without notice

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