DOT 3 Brake & Clutch Fluid

Product code s8505, March, 2013

Description;

High boiling point Synthetic DOT 3 Brake and Clutch fluid resistant to vapour formation under normal service conditions providing protection from acidic oxidation products for cast iron and steel components by maintaining the pH of the fluid in the alkaline range. Advanced technology inhibitors protect other metals such as aluminium, brass, copper, zinc and tin from corrosion by forming a protective layer on the surface.

Correct seal swell and lubricity characteristics minimize leakage through seal shrinkage and component wear caused by excessive seal swelling and/or inadequate lubrication of moving parts.

High thermal and oxidation stability resists fluid degradation and formation of harmful deposits, ensuring long fluid service life and the retention of key performance features over the full life of the fluid.

Applications;

- All hydraulically operated motor vehicle braking systems (drum and disc types) for which a DOT 3 or SAE J1703 fluid is specified
- Vehicles with anti-lock (ABS) braking systems
- Hydraulic clutch systems requiring conventional fluids
- Passenger cars, commercial road transport, off-highway vehicles, agricultural Tractors and Motorcycles

DOT 3 Brake and Clutch fluid is NOT suitable where a DOT 5.1 fluid is specified and is NOT to be used in systems designed for mineral oil based fluids (LHM), e.g., certain Citroen models, or where Silicone DOT 5 fluids are recommended.

Properties;

Equilibrium Reflux Boiling Pt., °C	235
pH	8.8
Viscosity,	
mm2/s @ -40°C	1270
mm2/s @ 100°C	2.2
Wet Equilibrium Reflux Boiling Pt., °C	150

DOT 3 Brake & Clutch fluids meets;

- U.S. Federal Motor Vehicle Safety Standard FMVSS No. 116 DOT 3
- SAE J1703
- ISO 4925
- JIS K2233 Type 3
- Ford ESD-M6C9102-A