



**OPTIMUM**  
LUBRICANTS LIMITED

ISO 9001:2015 CERTIFIED



## PRODUCT DATA SHEET (PDS)

# COMET BRAKE FLUID

### DESCRIPTION

Comet Brake Fluid is specifically designed for use in conventional hydraulic brake and clutch systems, especially in extreme service conditions requiring a DOT 4 type brake fluid. It provides an additional safety margin against “vapor lock” compared to other conventional brake fluids meeting less stringent specifications.

### APPLICATIONS

- All hydraulically operated motor vehicle braking systems (disc or drum) for which brake fluid DOT 4 is specified.
- Make-up or service fill of braking systems requiring a DOT 4, DOT 3 or SAE J 1703 & 1704 brake fluids.
- Vehicles fitted with Anti-lock (ABS) braking systems.
- Hydraulic clutch systems requiring conventional fluids.
- Passenger cars, commercial road transport, off highway transport, agricultural tractors & machinery and motor cycles.

### FEATURES & BENEFITS

- Maintains braking performance longer due to its high boiling point and higher ability to retain boiling point in service.
- Minimizes vapors formation at high temperatures enabling braking performance to be maintained in service for longer than DOT 3.
- Compatible with different vehicles.
- Provides protection against corrosion of iron and steel from acids of oxidized products.
- Advanced inhibitor system protects materials such as aluminum, brass, copper, zinc and tin from corrosion by forming a protective layer on the surface.
- Minimizes leakage due to its excellent seal swell and lubricity characteristics.
- Outstanding thermal stability minimizes fluid degradation and formation of harmful deposits thus maximizing fluid life.

### MEET PERFORMANCE LEVELS

- SAE J1704 and US Federal Motor Vehicle
- Safety Standard No.116 DOT- 4 Specification



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### PHYSICAL PROPERTIES

Properties	Test Method	Unit	Typical Values
Appearance	Visual		Amber
Equilibrium reflux boiling point	ASTM D 1120	°C	260
Wet ERBP	ASTM D 1120	°C	170
Kinematic Viscosity @ 100 °C	ASTM D 445	Cst	1.5
PH	ASTM D1287		7.6

*NB: Conventional brake fluids absorb moisture from the air thus lowering the boiling point and reducing the margin of protection against vapor lock. This results in spongy pedal action or complete loss of braking effectiveness. To avoid this phenomenon, keep all brake fluid containers sealed at all times, or purchase brake fluid in small containers that are used once. Always change vehicle brake fluid as per the vehicle manufacturer's recommendation.*

