

# Brake and Clutch Fluid 260 DOT 4

## Automotive Brake & Clutch Fluid



### Product description

Brake and Clutch Fluid 260 DOT 4 is a premium, non-petroleum automotive brake fluid with minimum boiling point of 260°C, designed for use in a wide range of conventional hydraulic brake and clutch systems in severe service conditions or where “DOT 4 Plus” and DOT 4 fluids are recommended.

### Customer benefits and product features

#### Customer benefits

- Helps maintain braking performance for longer
- High boiling point, and the ability to retain boiling point in service, helps minimize vapor formation at high temperatures, enabling braking performance to be maintained in service for longer than DOT 3 type fluids.
- Inventory savings
- Widespread suitability for different motor vehicles may provide inventory benefits. In addition, vehicle manufacturers are increasingly specifying DOT 4 performance.
- Helps protect metal surfaces
- Buffered formulation provides 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 help protect other metals such as aluminum, brass, copper, zinc and tin from corrosion by forming a protective layer on the surface.
- Helps minimize leakage and loss of pressure
- Correct seal swell and lubricity characteristics help minimize leakage through seal shrinkage and component wear caused by excessive seal swelling and/or inadequate lubrication of moving parts.
- Enhanced performance during service life
- Outstanding thermal and oxidation stability resists fluid degradation and formation of harmful deposits, helping enhance the retention of key performance features over the full life of the fluid.

#### Product features

- Brake and Clutch Fluid 260 DOT 4 provides an additional safety margin against “vapor lock” compared with brake fluids meeting less stringent specification requirements.

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### Applications

All hydraulically operated motor vehicle braking systems (drum and disc types) for which a DOT 4 or SAE J1704 fluid is specified. This may include:

- Vehicles with anti-lock (ABS) braking systems
- Hydraulic clutch systems requiring conventional fluids
- Passenger cars, commercial road transport, and motorcycles
- Make-up or service fill of braking systems requiring SAE J1703 fluids
- Make-up or service fill of braking systems requiring DOT 3 fluids, unless the OEM specifically recommends against the use of DOT 4 fluids (e.g. certain Toyota models).

*For vehicles operating in extreme service conditions, or where a DOT 5.1 fluid is specified, Chevron recommends Caltex Brake and Clutch Fluid DOT 5.1. Not to be used in systems designed for mineral oil based fluids (LHM), e.g., certain Citroen models and many off-highway vehicles and tractors, or here Silicone DOT 5 fluids are recommended.*

### Product approvals, performance and recommendations

#### Performance standards

Brake and Clutch Fluid 260 DOT 4 is developed independently by Chevron to meet the requirements of the following specifications:

- U.S. Federal Motor Vehicle Safety Standard FMVSS No. 116 DOT 4 and DOT 3
- SAE J1704 and SAE J1703
- ISO 4925 (Classes 3 & 4)
- JIS K2233-95 (Types 3 & 4)
- NATO specification H-542 (OX-8)

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## Typical test data

BRAKE AND CLUTCH FLUID 260 DOT 4	RESULT
<b>FMVSS Grade</b>	<b>DOT 4</b>
<b>Product Code</b>	<b>511663</b>
Equilibrium Reflux Boiling Pt., °C	275
pH	7.5
Viscosity,	
mm <sup>2</sup> /s @ -40°C	1347
mm <sup>2</sup> /s @ 100°C	2.2
Wet Equilibrium Reflux Boiling Pt., °C	183

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ENVIRONMENT, HEALTH and SAFETY. Information is available on this product in the Material Safety Data Sheet (MSDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal. To obtain a MSDS for this product, visit the [Product Information Center](#).

This Product Data Sheet (PDS) was produced for the Asia Pacific region based on the best available information at the time of issue. The specific information included may not directly reflect the market or conditions, and may vary. For the most up-to-date, country-specific information, please contact your local customer service center.

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