



## MOTUL DOT 5.1

**Long life 100% Synthetic Brake Fluid**  
**For hydraulic actuated brake and clutch systems - DOT 5.1 NON SILICONE BASE**

### TYPE OF USE

For all types of hydraulically actuated brake and clutch systems requiring fluids meeting DOT 3, DOT 4, or DOT 5.1 specifications as per manufacturers' recommendations.

Fluidity specially designed for anti-locking brake systems (ABS) and other electronic stability programs (ESP, ASR,...).

### PERFORMANCES

STANDARDS FMVSS 116 DOT 3 / 116 DOT 4 / 116 DOT 5.1 NON SILICONE BASE  
ISO 4925 (5.1, 4 & 3)  
SAE J1703

#### **Long life fluid:**

MOTUL DOT 5.1 high wet boiling point (185°C / 365°F) is superior than the requirements of the standards DOT 3 (140°C mini / 284°F mini), DOT 4 (155°C mini / 311°F mini) and DOT 5.1 (180°C mini / 356°F mini), and therefore enables longer use of this product.

Indeed, DOT 3, DOT 4 or DOT 5.1 brake fluids have the property of absorbing moisture from the air, which reduces their boiling points and therefore braking safety.

The wet boiling point is measured after moistening the product with 3% water in order to be representative of the state of the fluid after 1 year of use.

Perfectly neutral with seals used in braking systems. Anti-corrosion.

#### **Specially designed for anti-locking brake systems (ABS):**

The viscosity at cold temperature (820 mm<sup>2</sup>/s at -40°C / -40°F) of MOTUL DOT 5.1 is lower than DOT 4 (up to 1800 mm<sup>2</sup>/s) and DOT 3 (up to 1500 mm<sup>2</sup>/s) brake fluid specifications and allows easier fluid circulation and flow through the micro-valves of anti-locking systems for better response of ABS and other electronic stability programs (ESP, ASR,...) requiring quick brake systems actuation.



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### RECOMMENDATIONS

Oil changes: 12 to 24 months according to the manufacturers' recommendations.  
For safety advice, draining once a year is recommended.  
Mixable with DOT 3, DOT 4 and DOT 5.1 NON SILICONE BASE products.  
Do not mix with silicone (DOT 5 silicone base) or mineral base fluids (LHM).  
Store brake fluid in its original container, tightly closed to avoid absorption of moisture.  
Aggressive chemical product if contact with hands, paint or varnish.  
If skin contact, rinse thoroughly with water.

### PROPERTIES

Color	Visual	Yellow
Viscosity at 100°C (212°F)		2.1 mm <sup>2</sup> /s
Viscosity at -40°C (-40°F)		820.0 mm <sup>2</sup> /s
Dry boiling point		272.0 °C / 522.0 °F
Wet boiling point		185.0 °C / 365.0 °F