

# BRAKE FLUID DOT 5.1

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5038

Synthetic brake fluid, intended for hydraulic brake systems, where a superior quality is required. Its composition provides a high chemical stability, excellent resistance against residues, high resistance against oxidation and can be used with all materials, normally used in brake systems.

## APPLICATIONS

It is used in all hydraulic brake systems (including ABS), for which manufacturers require a fluid, meeting the characteristics mentioned hereunder. Also suited as power steering and torque convertor fluid.  
Application field : from -40°C till 270°C.

## FEATURES

Boiling point: very high boiling point, safe braking.  
Anti-corrosion properties: complete brake system protection.  
Elastomer compatibility: no leakage or fluid losses.

## SPECIFICATION LEVEL

FMVSS	116 DOT 5.1	ISO	4925 Class 5.1
FMVSS	116 DOT 3	SAE	J 1704
FMVSS	116 DOT 4	SAE	J 1703
ISO	4925 Class 3&4		

## TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Kinematic viscosity at 100°C	ASTM D445	mm <sup>2</sup> /s	2.16
pH	ASTM D1287		7.49
Equilibrium Reflux Boiling Point (ERBP)	ASTM D1120	°C	275
Wet Equilibrium Reflux Boiling Point (WERBP)	ASTM D1120	°C	187
Density at 20°C	ASTM D4052	g/ml	1.069
Kinematic viscosity at -40°C	ASTM D445	mm <sup>2</sup> /s	810

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.

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