

CHAMPION BRAKE FLUID

DOT 5.1

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

PERFORMANCE

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

TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Kinematic viscosity at 100°C	ASTM D445	mm ² /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 ² /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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