

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 converter 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

SPECIFICATIONS

FMVSS	116 DOT 4	SAE	J 1704
FMVSS	116 DOT 5.1	FMVSS	116 DOT 4 LV
FMVSS	116 DOT3	FMVSS	116 DOT 4+
ISO	4925 Class 3&4	FMVSS	116 DOT 5.1 ESP
ISO	4925 Class 5.1	FMVSS	116 DOT 5.1 LV
SAE	J 1703		

TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Kinematic viscosity at 100°C	ASTM D445	mm ² /s	2.16
pH	ASTM D1287		7.5
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.

CHAMPION CHEMICALS NV

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