I.G.A.T.®

Product information

PLATIN BRAKE FLUID SUPER DOT 5.1

Fully synthetic, low viscosity brake fluid with improved dry and wet boiling behaviour in compliance with DOT 5.1 and ISO Class 5.1.

Description

PLATIN BRAKE FLUID SUPER DOT 5.1 is a fully synthetic, low viscosity brake fluid with improved dry and wet boiling behaviour based on glycols with oxidation and corrosion inhibitors.

Application

PLATIN BRAKE FLUID SUPER DOT 5.1 is used in hydraulic brake and clutch systems in accordance with the manufacturer's specifications. It is miscible and compatible with commercially available brake fluids according to DOT 3, DOT 4 and DOT 5.1.

The quality of this product is equivalent to EU regulations

- FMVSS 116 DOT 3/DOT 4/DOT 5.1
- SAE J 1703/1704
- ISO 4925 Class 3/4/5.1
- JIS K2233 Class 3/4/5

Benefits

- Multi-functional use in passenger cars, commercial vehicles, buses, as well as agricultural and construction machinery if a brake fluid is required according to one of the above mentioned specifications
- The low viscosity and very good viscosity-temperature behaviour ensure rapid controlled braking operations by the ABS and ESP systems
- The very high dry and wet boiling points provide additional protection against vapour lock when severe stress is imposed on the brake system.
- It is backward compatible with conventional DOT 3 and DOT 4 brake fluids
- Protection of brake and clutch hydraulics against deposits and corrosion
- Miscible and compatible with other synthetic brake fluids. However, in order to exploit the full product benefits, a complete brake fluid change is recommended.

Notices

Under no circumstances may PLATIN BRAKE FLUID SUPER DOT 5.1 be mixed with mineral or silicone-based fluids (e.g. LHM or DOT 5).

Typical characteristics

Property	Method	Unit	Value
Density at 20 °C	ASTM D1122	g/ml	1.065
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	> 120
Viscosity at -40 °C	DIN EN ISO 3104	mm^2/s	900
Boiling point ERBP	FMVSS 116	°C	270 (min. 260)
Wet boiling point Wet - ERBP	FMVSS 116 SAE J1703/1704	°C	183 (min. 180)

The characteristics shown are typical of current production. This data cannot be constructed as a legally binding warranty or guaranty of certain product properties or of the suitability of the product for a specific application. IGAT products are continually improved. Therefore IGAT reserves the right to change all the technical data in this product information at any time without notice. All sales and deliveries shall be subject to our current General Terms and Conditions of Sale and Terms (www.igat.ag).

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