

HIGHTEC 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

HIGHTEC 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

HIGHTEC 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.

Equivalent quality in accordance with EU-law as per

- 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

Advantages

- 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.

Notes

- Under no circumstances may HIGHTEC 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
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	> 120
Density at 20 °C	ASTM D1122	g/ml	1.065
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)

These characteristics are typical for current production. The data does not constitute an assurance of properties or a guarantee of suitability for a specific application. Existing legal provisions and regulations that affect handling and usage of the products must be observed by the recipient of our products. ROWE products are continuously being developed. For this reason, ROWE retains the right to change all technical data in this product information at any time without prior announcement. Our current General Delivery and Payment Conditions apply (www.rowe-oil.com).

