

HIGHTEC BRAKE FLUID DOT 4 LV

Fully synthetic, low viscosity brake fluid for modern ESP and ABS control systems in compliance with DOT 4 and ISO Class 6.

Description

HIGHTEC BRAKE FLUID DOT 4 LV is a fully synthetic, low viscosity brake fluid for modern ESP and ABS control systems. It is based on glycols with oxidation and corrosion inhibitors and has high reserves for dry and wet boiling temperatures in compliance with DOT 4 and ISO Class 6.

Application

HIGHTEC BRAKE FLUID DOT 4 LV has been developed specifically for use in modern ESP and ABS control systems. It is characterised by its high boiling and wet boiling point, in conjunction with a significantly reduced viscosity. As a result, reliably rapid and sensitive controlled braking operations for the ABS and ESP systems are made possible, even under extreme conditions. HIGHTEC BRAKE FLUID DOT 4 LV is used for multi-functional purposes in brake and clutch systems for passenger cars and commercial vehicles and is backward compatible with brake fluids according to DOT 3, DOT 4 and ISO Class 4 among others.

Equivalent quality in accordance with EU-law as per

- FMVSS 116 DOT 4
- SAE J 1703/1704
- ISO 4925 Class 3/4/6
- JIS K2233 Class 3/4/6

This product is also recommended when the following filling instructions are required

- Ford WSS-M6C65-A2
- VW 501 14

Advantages

- Outstanding economy grade for 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.
- It meets the stringent ISO Class 6 requirements and is backward compatible with conventional DOT 3, DOT 4 and ISO Class 4 brake fluids
- The low viscosity and excellent 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
- Protection of brake and clutch hydraulics against deposits and corrosion
- Miscible and compatible with other synthetic brake fluids of performance grade DOT 3, DOT 4 and DOT 5.1. However, in order to exploit the full product benefits, a complete brake fluid change is recommended.

Notes

- Under no circumstances may HIGHTEC BRAKE FLUID DOT 4 LV 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	1.064
Viscosity at -40 °C	DIN EN ISO 3104	mm ² /s	700
Boiling point ERBP	FMVSS 116	°C	265 (min. 250)
Wet boiling point Wet - ERBP	FMVSS 116 SAE J1703/1704	°C	170 (min. 165)

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).

