



REDOIL



EELQMS

EUROPEAN ENGINE
LUBRICANTS QUALITY
MANAGEMENT SYSTEM

Data di prima emissione
07/03/2024

TECHNICAL DATA SHEET

BRAKE FLUID DOT 4 RACING

High-performance hydraulic brake fluid

SPECIFICS

- SAE J 1704 / SAE J 1703
- FMVSS 116 DOT 4
- ISO 4925 CLASS 4
- JIS K2233 CLASS 4

TECHNICAL DESCRIPTION

A high performance brake fluid based on polyglycol ethers specially formulated to meet the stringent requirements of modern motorbike, sports car and racing brake systems. Entirely synthetic formulated with high-performance additives to give the highest degree of resistance to oxidation, it is designed for track applications that can take the fluid up to the extreme temperatures of 300°C that can be generated on the track by sports braking systems with carbon, steel or ceramic discs.

Thanks to its composition, the product guarantees

- Exceptional thermo-oxidative resistance;
- Low viscosity;
- High resistance up to 300°C and elimination of vapor lock phenomena, linked to the formation of vapour bubbles that adversely affect braking;
- Low hygroscopic index;
- Protection of the entire circuit from corrosion;
- High resistance to oxidation.

For further details, please contact the technical department



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*Typical characteristics**

Properties	Unit	Method	Average values
Density at 20 °C	Kg/m ³	ASTM D 1298	1030
Viscosity at 100 °C	cSt	ASTM D 445	2
Viscosity at -40 °C	cSt	ASTM D 445	1490
Boiling Point T.Q.	°C	ASTM D1120	302
pH	-	SAE J1703	8,7
Wet Equilibrium Reflux Boiling Point	°C	ASTM D1120	195

*the above data represent the average production values.

MODE OF USE

Use in accordance with the recommendations in the user and maintenance manual supplied by the manufacturer. Store in a cool, dry place, protected from direct sunlight and at temperatures not exceeding 60°C (140°F).

SAFETY AND ENVIRONMENT

Use in accordance with the recommendations provided in the Safety Data Sheet. Additional information on MSDS.