



# REDOIL



**EELQMS**  
EUROPEAN ENGINE  
LUBRICANTS QUALITY  
MANAGEMENT SYSTEM  
Data di prima emissione  
07/03/2024

## TECHNICAL DATA SHEET

### **BRAKE FLUID DOT 5.1**

*High-performance hydraulic brake fluid*

#### **SPECIFICS**

- ❑ SAE J 1704 / SAE J 1703
- ❑ FMVSS 116 DOT 5.1
- ❑ ISO 4925 CLASS 5.1
- ❑ JIS K2233 CLASS 5

#### **TECHNICAL DESCRIPTION**

A hyper-technological product based on polyglycol ethers with additives formulated to guarantee greater hygroscopic and oxidative resistance in order to give the product greater stability and durability.

In order to meet the actuation response times required by modern braking systems, an ultra-low viscosity fluid has been formulated to meet the times dictated by ECUs in systems equipped with ABS, ASR, EBD, ESP electronic braking and stability control equipment:

- Anti-lock Braking System
- Anti-Slip Regulation
- Electronic Brakeforce Distribution
- Electronic Stability Program

Thanks to its composition, the product guarantees:

- Maximum actuating speed;
- High resistance to vapor lock phenomena, linked to the formation of vapor 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*



P.IVA/C.F.: 03903071219



Via Boscofangone, Zona industriale ASI  
80035 – NOLA (NA) – ITALIA  
Tel: 081 3151396/97  
Fax: 081 3151605  
Web: [www.siralspa.it](http://www.siralspa.it)  
[laboratorio@siralspa.it](mailto:laboratorio@siralspa.it)

**Responsabile di laboratorio**

## TECHNICAL DATA SHEET

### BRAKE FLUID DOT 5.1

#### *Typical characteristics\**

Properties	Unit	Method	Average values
Density at 20°C	Kg/m <sup>3</sup>	ASTM D 1298	1040
Viscosity at 100°C	cSt	ASTM D 445	1,98
Viscosity at -40°C	cSt	ASTM D 445	860
Boiling Point T.Q.	°C	ASTM D1120	265
pH	-	SAE J1703	8,4
Wet Equilibrium Reflux Boiling Point	°C	ASTM D1120	182

\*the above data refer to 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.