



FRELUB DOT 4

High performance synthetic brake fluid

It has been specially developed for hydraulic brake systems, to ensure safe braking in the most severe conditions

APPLICATIONS

Disc Brake

All Brake Circuits

Miscibility

- Specially suited to brake circuits operating in very severe conditions.
- Exactly right for all brake circuits for which the manufacturer requires a synthetic fluid that satisfies the standards indicated hereunder.
- **IMPORTANT** : This synthetic fluid is miscible with all other synthetic fluids of chemical type DOT 3, DOT 4, or DOT 5.1, except for the DOT 5 silicone fluids and the special fluids of type LHM

PERFORMANCES

International Standards

- SAE J 1704
- FMVSS 116 DOT 4

CUSTOMER BENEFITS

Flow properties and performance when cold

Adapted viscosity

Difficult to be compressed

Compatibility

No corrosion

High resistance

- This brake fluid has good flow properties at low temperature and excellent performance when cold.
- The viscosity is appropriate for normal and high temperature.
- This fluid has a high boiling point, even after an extended period at high temperature. In the presence of moisture, the fall in the boiling point remains low. This guarantees the incompressibility of the product and the safety of the user (no "vapour lock").
- Low hygroscopy/limited water take-up
- Compatible with natural and synthetic rubber parts used in the circuits
- The fluid is not corrosive to the metals in the circuit (tested on tinned metal, steel, aluminium, cast iron, brass and copper).
- Low evaporation rate
- High resistance to the formation of deposits and sludge

CHARACTERISTICS

Elf Frelub DOT 4	Method	Units	
Density at 20°C	ASTM D4052	kg/ml	1055
Kinematic Viscosity at -40°C	ASTM D445	mm ² /s	990
Kinematic Viscosity at 100°C	ASTM D445	mm ² /s	2.3
Dry Boiling Point ERBP	-	°C	282
Wet Boiling Point WERBP	-	°C	176
Flash Point Pensky Martens	ASTM D93	°C	139

The typical characteristics mentioned represent mean values

Elf Frelub DOT 4
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This lubricant used in accordance with our recommendations and for the application for which it is intended does not represent a special hazard. A safety data file conforming to the requirements of current E.U. legislation is available from your local trade consultant.