



# GUARD LIQUIDO DE FRENOS DOT 4 / GUARD BRAKE FLUID D

## Description

DOT-4 is a special polyethylene glycol based product developed by Repsol for severe services and high performance vehicles. Recommended for high range vehicles and in all types of brake systems that require a product with this quality level. It should not be mixed with brake fluids of a different quality level or with used products; the liquid should be changed in the whole system.

## Properties

- High boiling point: above 260 °C.
- Prevents foam formation.
- High humidity absorption capacity in the circuit thanks to its high wet boiling point.
- Great thermal stability.
- Compatible with joints and seals, thus preventing fluid loss risks.
- Contains inhibitors that prevent corrosion of the metal components of the circuit.

## Quality levels, approvals and recommendations

- FMVSS: 116-DOT 4
- ISO: 4925
- UNE: 26-109-88
- INTA: 1571-13-D
- SAE: J-1703

## Technical specifications

	UNIT	METHOD	VALUE
Appearance	-	Visual	Yellowish liquid
Water content	ppm	Karl-Fisher	<2,000
Density at 20 °C	g/cm <sup>3</sup>	ASTM D1298	1.04
Viscosity at -40 °C	cSt	ASTM D445	<1,500
Viscosity at 100 °C	cSt	ASTM D445	>1,5
Boiling point	°C	ASTM D1120	260
Wet boiling point	°C	SAE J 1704	160
pH value	-	ASTM D1287	7 – 11.5
Sedimentation (144h, -40 °C)	-	FMVSS 116-DOT 4	Nule

The above mentioned characteristics are typical values and should not be considered product specifications.