

# MAINTENANCE



## VEHICLE MAINTENANCE PRODUCTS

# CEPSA LÍQUIDO DE FRENOS DOT-4

### DESCRIPTION

100% synthetic fluid specially formulated with the highest quality raw materials generating an excellent chemical stability at high temperatures.

### USE OF THE PRODUCT

- Specially designed for use in hydraulic brake systems (disc and drum) or any kind of clutch system in vehicles except from applications where LHM mineral fluid is required.

### QUALITY LEVELS

- UNE 26-109-88 / DOT-4
- FMVSS 116 / DOT-4
- SAE J 1703/1704
- ISO 4925 Class 4
- INTA 157113-D

### TYPICAL CHARACTERISTICS

CHARACTERISTICS	UNITS	REGULATION	CEPSA LÍQUIDO DE FRENOS DOT-4
Aspect	-	-	Clear Liquid
Density at 20 °C	Kg/L	ASTM D-4052	1.03 - 1.08
Boiling point	°C	FMVSS 116 DOT	>160
Wet boiling point	°C	FMVSS 116 DOT	>155
Water content	%	ASTM D-4928	<0.40
Viscosity at 100 °C,	cSt	ASTM D-445	1.50
Viscosity at -40 °C,	cSt	FMVSS 116 DOT	1500
pH	-	FMVSS 116 DOT	7.0 - 11.50
Evaporation	%	FMVSS 116 DOT	80
Corrosion (tinplate)	mg/cm <sup>2</sup>	FMVSS 116 DOT	±0.20
Corrosion (steel)	mg/cm <sup>2</sup>	FMVSS 116 DOT	±0.20
Corrosion (aluminium)	mg/cm <sup>2</sup>	FMVSS 116 DOT	±0.10
Corrosion (cast iron)	mg/cm <sup>2</sup>	FMVSS 116 DOT	±0.20
Corrosion (brass)	mg/cm <sup>2</sup>	FMVSS 116 DOT	±0.40
Corrosion (copper)	mg/cm <sup>2</sup>	FMVSS 116 DOT	±0.40
Corrosion (zinc)	mg/cm <sup>2</sup>	FMVSS 116 DOT	±0.40
Surface corrosion	-	FMVSS 116 DOT	Pass
Diameter increase	mm	FMVSS 116 DOT	0,15 - 1,40
Variety of Hardness	-	FMVSS 116 DOT	-15.00 max.
Volume increase	%	FMVSS 116 DOT	1.00 - 16.00

### HEALTH & SAFETY AND ENVIRONMENT

The corresponding Safety Data Sheet conforms to current legislation, which provides information on the hazards of the product, precautions to take when handling the product, first aid measures and available environmental data.