TECHNICAL DATA SHEET

DOT 4 LV Class 6

Ed-01
JANUARY -26

PRODUCT DESCRIPTION

Hydraulic fluid, 100% synthetic, low viscosity for brakes and clutches. DOT 4 LV (Low Viscosity), is especially recommended for hydraulic brake and clutch circuits in vehicles equipped with ESP.

CHARACTERISTICS

Specially designed for ESP, ABS and ASR: The cold viscosity of DOT4 LV (750 mm²/s at -40°C / -40°F) is lower than that of DOT 5.1 (up to 900 mm²/s), conventional DOT 4 (up to 1800 mm²/s) and DOT 3 (up to 1500 mm²/s), allowing excellent fluid circulation at very low temperatures between the micro valves of the anti-lock system to provide better and faster response from ESP, ABS and ASR systems. It has a completely neutral effect on the seals used in brake circuits. Anti-corrosion.

APPLICATIONS

It has been specially formulated to enable Electronic Stability Programme (ESP) systems to function effectively across a wide range of temperatures. It is suitable for all ESP systems and other conventional brake systems that use glycol ether-based brake fluids.

TECHNICAL DATA

DESCRIPTION	BRAKE FLUID DOT 4 LV CLASS 6	
ASPECT	Visual	Bright fluid
COLOUR	Visual	Amber
VISCOSITY AT -40ºC	UNE 26-382	750 cSt max
VISCOSITY AT 100ºC	ASTM D-445	1.5 cSt
PH	UNE 26-387	7.0-11.5
BOILING POINT	UNE 26-375	>260ºC
WET BOILING POINT	UNE 26-376	>165ºC
DENSITY	ASTM D-1122-84	1.052 g/cm3

** We reserve the right to modify the general characteristics of our products in order to enable our customers to benefit from the latest technical advances. For further information on the product, please consult the Safety Data Sheet (SDS), available through the Customer Service Centre at KEMETYL IADA.

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QUALITY LEVELS

DOT 4 LV CLASS 6 complies with the quality levels corresponding to the standards:

UNE 26-109-88 US FMVSS 116 DOT 4, DOT 3, SAE J 1703, SAE J 1704 e ISO 4925 (Clases 3, 4 y 6).

CONSERVATION AND HANDLING

Brake fluid is hygroscopic, meaning it has the ability to absorb moisture from the atmosphere. Consequently, the conditions in which the fluid is stored have a significant impact on its service life. The fluid should be stored in a dry place, as free from dust and frost as possible, protected from direct sunlight and, if possible, at a temperature between 15 and 30 °C (59 and 86 °F). Incorrect storage could lead to premature ageing of the brake fluid, which would mean that the specified properties could not be guaranteed until the expiry date indicated on the container. In tropical climates, the expiry date should be shortened due to high temperatures and humidity. These storage recommendations apply only to original, sealed containers. For more information about the product, please refer to the Safety Data Sheet (SDS), available from the Customer Service Centre at KEMETYL IADA.