



BRAKE AND CLUTCH FLUID DOT 4

U.S.FMVSS No.116 DOT4 / SAE J1703 &
SAE J1704 / ISO 4925

Product Description:

Brake Fluid DOT 4 is a high boiling synthetic brake fluid which far exceeds the requirements of the SAE J1703, SAE J1704, FMVSS 116 DOT 4 and ISO 4925 specifications. Brake Fluid DOT 4 is designed for use in all brake systems particularly those which are exposed to extreme conditions. This product has been formulated from mixed polyalkylene glycol ethers and borate esters together with other high performance additives and inhibitors which give ultimate system protection against the effects of corrosion and high temperature vapour lock. The formulation has been developed such that the vapour lock point can be sustained at a higher level than conventional glycol ether based fluids during the service life of the product.

Higher boiling point (260°C) than other DOT 4 brake fluids, and retention of boiling point in service helps prevent high temperature vapour formation, maintaining braking performance longer than DOT 3 products. Buffered formulation maintains pH level in the alkaline range, helping protect cast iron and steel components. Inhibitors contribute to corrosion protection of a wide variety of metals including aluminium, brass, copper, zinc and tin. Seal swell and lubricity characteristics help prevent fluid leaks and reduce component wear. All hydraulically operated motor vehicle braking systems (drum and disc types) for which a DOT4, SAE 1704 or ISO 4925 Class 4 fluid is specified.

Typical Physical Characteristics

PROPERTY TEST	UNITS	METHODS	RESULT
Viscosity Grade			DOT 4
Appearance		Visual	Clear & bright
Density @ 20°C	g/ml	IP 160	1.07
Equilibrium Reflux Boiling Point	°C	ASTM D1120	240 min
Kinematic Viscosity @ 100°C	mm ² /s	ASTM D445	2.3

Due to continued product research and development the information contained in this Product Bulletin is subject to change without notification.

CAUTION: Avoid skin contact with used oil. Wear suitable gloves. If skin contact occurs, wash immediately with soap and water. Avoid prolonged and repeated contact with used oil. Protect the environment. Do not pollute drains, ground or water with used oil. Dispose of container as per EPA guidelines. Do not use this container for fuel or solvents.



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