



Makina Grease & Lubricants Manufacturing L.L.C.

Tridon BF-4

Description

Tridon BF-4 is a high performance brake fluid for clutch and brake systems in passenger cars and trucks. It fulfills the new FMVSS 116 DOT 4 / DOT 3 specifications as well as SAE J 1703 / Jan. 80 (previously SAE 70 R1 and SAE 70 R3) specifications.

Tridon BF-4 was developed for heavy duty applications and may be used in all passenger cars, commercial vehicles and motor cycles manufactured in the USA, Europe or Japan where an FMVSS DOT 3 or DOT 4 fluid is specified. It offers absolute reliability at all temperature between -40°C and 270°C and guards against clutch and brake problems. It is safely miscible with all brand name fluids of the same specification but can NOT be used in certain Citroen or other vehicles requiring a special mineral oil based fluid.

Tridon BF-4 is formulated specially to provide low moisture absorption thereby maintaining the fluid's high boiling point and is specially inhibited to ensure long term protection against rust and corrosion together with additives to provide the correct degree of seal swelling Application Modern vehicles frequently travel at high speed and under hot weather conditions with frequent application of the brakes. Such conditions can generate very high temperatures in the brake disk or drum area. At the same time, modern body designs restrict the flow of cooling air and heat is conducted to the braking system cylinders.

All brake fluids absorb water from the atmosphere and this dilution reduces the effectiveness of the fluids which leads to "vapour lock" with spongy and excessive pedal travel during services. Brake and clutch systems should be drained, flushed and refilled with fresh fluid at intervals recommended by the vehicle manufacturer.

Tridon BF-4 can damage vehicle paintwork and any spillage should be removed immediately by flushing with plenty of water. Do not wipe off.

Tridon BF-4, like all other brake fluids, must be stored well sealed in a dry place to minimize the possibility of contamination by dust, water or mineral oil products.

Typical Characteristics

PROPERTIES	UNITS	TEST METHOD	VALUE
ERBP (min.)	°C		270
Wet BP (min.)	°C		> 165
Viscosity @ -40°C (max.)	mm ² /s	ASTM D-445	1150
Viscosity @ 100°C (min.)	mm ² /s	ASTM D-445	2.2
Corrosion On Metals			No Inadmissible Attack
Elastomers Compatibility			No Inadmissible Attack
pH value			8