

Puma Brake Fluid DOT 3

Industrial Brake Fluid

Puma Brake Fluid DOT 3 is a yellow-coloured liquid, formulated for use in all disc, drum braking systems and in clutch control systems. It is also specifically suitable for those cases where the braking system are subjected to very severe operating conditions such as, cars pulling caravans, commercial vehicles and any heavy loaded operations. For maximum security it is recommended to change the brake fluid every 6 months or as recommended by the original equipment manufacturer.

- ✓ High Boiling Point
- ✓ Low Freezing Point
- ✓ Non-corrosive

Designed to Perform

High Boiling Point

With its high boiling point, Puma Brake Fluid DOT 3 can be used with absolute safety, even when the parts concerned, such as disc brakes, are subject to particularly high temperatures, since there is no likelihood of loss of braking action.

Resistance to Water Contamination

Its boiling point remains well within safe limits, even with a considerable concentration of water is found in the brake circuit.

Low Freezing Point

It has a low freezing point, hence it retains its correct viscosity even at very low ambient temperatures.

Non-corrosive

It is non-corrosive to the metals used in brake circuits, including cadmium and zinc. It is chemically stable even at high temperatures.

Anti-wear Properties

It has good lubricating and anti-wear properties.

Resists Contamination

It resists harmful contamination due to entrained extraneous moisture which causes vapour locks.

Compatibility

It is compatible with rubber components and prevents damage to gaskets and seals.

Performance Characteristics

Puma Brake Fluid DOT 3 meets the requirements of the following specifications:

- > SAE J 1703
- > No.116
- > DOT3
- > ISO 4925
- > SCFI-1995 (LF3)

Health, Safety & Environment

Contamination with dirt, water, petroleum products or other materials may result in brake failure. Keep containers clean and tightly closed to prevent absorption of moisture.

Typical Physical Characteristics

Property	Temp	Units	ASTM Method	DOT 3
Appearance	-	-	IT-08-04	Light Yellow
Colour Saybolt	-	-	D-156	-8
Water Content	-	%	D-1533	0.2
Boiling Point	-	°C	D-1120	240
Viscosity, Kinematic	@ 100°C	cSt	D-445	1.7
pH, Solution 1:1 (Ethanol 80: Water 20)	-	-	D-1287	7.0 a 11.5

These characteristics are typical of current product methods whilst future production will conform to Puma Lubricants specifications, variations in these physical characteristics may occur.

Health & Safety Environment

- > This product is unlikely to present any significant health and safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.
- > Avoid contact with eyes and skin, use proper impervious gloves with used oil. After skin contact, wash immediately with soap and water. Guidance on health and safety is available on the appropriate Safety Data Sheet (SDS) which can be obtained from sds.pumaenergy.com.au

Protect the Environment

- > Take used oil to an authorised collection point. Do not discharge used or new oil into drains, soil or water.

Additional Information

- > Technical advice may be obtained from your Puma Energy Representative.