



PRODUCT INFORMATION & DATA SHEET

PRINCE® BRAKE FLUID DOT 3

PRINCE® BRAKE FLUID DOT 3 is a high-quality non-silicone, non-mineral brake fluid produced for a wide range of hydraulically operated brake and clutch applications that require a DOT 3 and SAE J1703 specified fluid. This product ensures very good chemical stability and corrosion protection on all braking components.

This brake fluid meets the performance requirement of international specifications:

SAE J1703, ISO 4925 Class 3, FMVSS 116 DOT 3

Some of the benefits of using this brake fluid:

- A versatile brake fluid product that can be used in passenger cars, trucks, tractors, construction machines, two-wheelers, etc
- Designed with good lubrication flow properties, ensure adequate lubricating on all moving parts to prevent wear and tear formation
- Excellent oxidation and thermal stability minimize lubricant degradation and chemical deterioration to allow peak lubricating performance through the entire service interval
- Features seal conditioner agents that help to minimize leakage through excessive seal shrinkage and swelling
- High boiling point of this product has been designed to offers good braking response and safe operations
- Neutralizes water condensation and helps absorb moisture from the air, prevents the formation of steam bubbles reliably
- Neutral with sealing materials used in the braking systems and elastomers compatibility
- Very good anti-oxidant agents and inhibitor package were added to prevent corrosion and rust formed on metallic brake components

Areas of application

Suitable for applications in disc brakes, drum brakes, clutch systems installed in passenger cars, commercial trucks, agriculture tractors, construction machines, motorbikes that come with and without ABS anti-lock braking systems under normal service conditions, where the manufacturer specified using a DOT 3 brake fluid.

Can be mixed with commercially available DOT 3 non-silicone based, non-mineral brake fluids.

However, strictly do not mix with any kind of mineral oil based hydraulic fluids and DOT 5 silicone based brake fluid.

Typical properties

Colour		Light red
Dry ERBP; °C	ISO 4925	>220
Wet ERBP; °C	ISO 4925	>140
Viscosity at 100 °C; mm ² /s	ASTM D445	2.6
Viscosity at 40 °C; mm ² /s	ASTM D445	1340
Density at 20 °C; kg/m ³	ASTM D941	1125.0
Flash Point; °C, open cup	ASTM D92	>100

Recommendation

Observe and follow the operating instructions. It is recommended that the brake fluid to be changed in accordance with the manufacturers' specification and recommendation. For safety advice, drain and re-fill once a year is highly recommended. Peak performance is guaranteed only upon using alone without mixing with other commercially available brake fluids.

24 months of shelf life in original and sealed container, tightly closed to prevent chance of moisture absorption. Do not contact with bare hand, varnish and paint!

Product availability

This product may not be available locally. Contact your local distributor.

The information show herein is subject to change without noticed. The product indicated here have been developed by PRINCE LUBRICANTS for use in the areas of applications shown. We reserve all right to alter the characteristics and product properties to align with continually technical development.