



PRODUCT INFORMATION & DATA SHEET

BRAKE FLUID GT Racing

Specially engineered ester and glycol ether based non-silicone brake fluid providing maximum levels of performance under extreme racing conditions where braking systems operate at very high temperatures. This exceptional fluid at the very highest DOT 4 level features one of the highest dry and wet boiling points among all road legal brake fluids ever produced. However, this fluid is also well suitable to be used in road car braking system with optimized ABS properties and neutral behaviour to all seal materials.

This brake fluid meets the performance requirement of international specifications:

SAE J1704, ISO 4925 Class 4, FMVSS 116 DOT 4

Benefits of using this brake fluid

- Contains unique additives that allow unrivalled low and high-temperature lubricity ensuring flawless brake operations in a broad bandwidth of temperature.
- Capable of withstanding the extremely high temperature generated by carbon and ceramic brakes and allowing minimum air and moisture entrance for brake cooling.
- Extremely high dry ERBP boiling point of (>320 °C) and wet ERBP point of (>190 °C) ensure the safest brake working in the harshest load conditions.
- Superior viscosity-temperature properties provide the highest degree of lubricating action and deposits control in the entire brake circuit.
- Outstanding active antioxidant and corrosion inhibitor agents prevent fluid auto-oxidation at increased temperatures and rust buildup on metallic brake components.

Areas of application

Developed initially for the most extreme competition applications including car, truck and motorcycle racing. This product is suitable to be used in normal road driving passenger car and light-duty vehicle ABS brake systems requiring a DOT 4 brake fluid.

Application note

For competition application: not recommended to mix with other synthetic or conventional brake fluids when used in race, otherwise optimum performance may be compromised. Bleed the braking system with new brake fluid before each race, particularly if the brakes are ridiculously hot and under humid environment.

For normal road driving application: compatible and miscible with any of the synthetic based non-silicone DOT 4 brake fluid. However, this fluid must be replaced completely on annual basis (maximum 12 months).

Typical properties

Colour		Amber
Dry ERBP; °C	ISO 4925	>320
Wet ERBP; °C	ISO 4925	>190
Viscosity at 100 °C; mm ² /s	ASTM D445	2.6
Viscosity at 40 °C; mm ² /s	ASTM D445	1654
Density at 20 °C; kg/m ³	ASTM D941	1080.0
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 line with the manufacturers' recommendation. 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.

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