



MOTUL RBF 700

100% Synthetic Racing Brake Fluid – DOT 4
Very high boiling point: 336°C / 637°F
For hydraulic actuated brake and clutch systems

TYPE OF USE

MOTUL (Racing Brake Fluid) RBF 700 is a high-performance brake fluid developed to offer highly consistent and maximum braking power at extreme brake temperatures generated by carbon and ceramic racing brake discs systems.

Allows to minimize air vents of the brakes thus improving aerodynamic drag.

Can be used with conventional steel discs.

Can be used for clutch systems actuators.

RBF 700 meets DOT 4 standard allowing the fluid to be used in high performance vehicles for everyday use road applications.

PERFORMANCES

STANDARDS FMVSS 116 DOT 4

Extreme thermal resistance and stability:

MOTUL RBF 700 FACTORY LINE very high dry boiling point (336°C / 637°F) is superior to all conventional brake fluids DOT 5.1 (260°C / 500°F mini) and DOT 4 (230°C / 446°F mini), and therefore enables effective braking in most extreme conditions.

Provides better aerodynamic performance by reducing air entrance for brake cooling.

Efficient when rainy:

MOTUL RBF 700 FACTORY LINE very high wet boiling point (205°C / 401°F) is superior to conventional brake fluids DOT 5.1 non-silicone base (180°C / 356°F mini) and DOT 4 (155°C / 311°F mini), and therefore enables to keep efficient braking in wet conditions.

Brake fluids tend to absorb humidity from the air which reduces boiling point and increase the risk of “vapor lock” phenomena or so called “spongy braking”.

The wet boiling point is measured by humidifying the product with 3% of water.

We retain the right to modify the general characteristics of our products in order to offer to our customers the latest technical development.

Product specifications are definitive from the order which is subject to our general conditions of sale and warranty.



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RECOMMENDATIONS

Avoid mixing with polyglycol based brake fluids.
Do not mix with silicone (DOT 5 silicone base) or mineral base fluids (LHM).
Store brake fluid in its original container and tightly closed to prevent moisture absorption.
Aggressive chemical product if contact with hands, paint or varnish.
If skin contact, rinse thoroughly with water.

PROPERTIES

Color	Visual	Amber
Viscosity at 100°C (212°F)		2.1 mm ² /s
Viscosity at -40°C (-40°F)		1,580.0 mm ² /s
Dry boiling point		336.0 °C / 637.0 °F
Wet boiling point		205.0 °C / 401.0 °F

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