RAVENOL Racing Brake Fluid R 340+

Kategorie: Brake fluid

Artikelnummer: 1350616

Specifications: übertrifft die Anforderungen FMVSS 116 DOT 4

Recommendations: ISO 4925-4 tested, SAE J 1704 tested



0.5L | 1350616-500

RAVENOL Racing Brake Fluid R 340+ was specially developed as a high-performance brake fluid for racing applications. It is extremely resistant to thermal, chemical, and mechanical stress and also meets DOT 4 standards for optimum roadworthiness.

The High-End-Formulation is based on boric acid ester and glycol ethers and is perfected by the use of very advanced additives. It achieves maximum stability, enormous density, extreme heat resilience, minimal compressibility, optimal material compatibility and thus optimal operability and responsiveness for the driver.

RAVENOL Racing Brake Fluid R 340+ remains reliable over the entire temperature range and throughout its entire operating time. It guarantees safety even under the most extreme conditions in racing and ensures consistent braking performance.

RAVENOL Racing Brake Fluid R 340+ reaches a maximum boiling point of 342°C and a WERBP/wet boiling point of min. 210°C, making it an ideal brake fluid for racing (cars and motorcycles). The brake system responds reliably and directly at all times, even under extreme conditions or in heavy-duty use.

Application instructions

To achieve optimum results the braking system should be freshly filled with **RAVENOL Racing Brake Fluid R 340+** before each race. In particular when the brakes are inordinately hot or racing under tropical conditions.

Do not mix with other brake fluids!

Not suitable for vehicles that require a mineral brake fluid (LHM). Observe manufacturer's specifications. Not recommended if the components used are made of magnesium or are alloys with a high magnesium content.

FOLLOW VEHICLE MANUFACTURERS RECOMMENDATIONS WHEN ADDING BRAKE FLUID KEEP BRAKE FLUID CLEAN AND DRY. Contamination with dirt, water, petroleum products or other materials may result in brake failure or costly repairs.

STORE BRAKE FLUID ONLY IN ITS ORIGINAL CONTAINER. KEEP CONTAINER CLEAN AND TIGHTLY CLOSED TO PREVENT ADSORPTION OF WATER. CAUTION! DO NOT REFILL CONTAINER AND DO NOT USE FOR OTHER LIQUIDS.

Dispose of used brake fluid responsibly

Brake fluid damages paint work –if spilt wash off immediately with plenty of water.

Characteristics

- Maximum boiling point: 342 °C
- WERBP / wet boiling point: 210 °C
- High-End -Formulation based on boric acid ester and glycol ethers with an excellent additive package
- Extremely low compressibility, ensures consistent responsiveness

- Ideally suited for racing, even in the most demanding racing series
- DOT 4 level also makes it perfect for road use
- Extreme thermal, chemical, and mechanical stability
- Neutral behavior towards brake components (e.g., rubber, plastic)
- Low viscosity even at low temperatures
- Optimal ABS properties

Technical Product Data

CHARACTERISTICS	PROPERTY	DATA	AUDIT
Colour		gelb-braun	VISUELL
Sediment	%	<0,05	FMVSS 116
Aluminium	? mg/cm²	0	FMVSS 116
SBR at 120 °C	Ø ?, mm	+0,93	FMVSS 116
SBR at 70 °C	Ø ?, mm	+0,79	FMVSS 116
Boiling point	°C	>340	FMVSS 116
Steel	? mg/cm²	0	FMVSS 116
Hardness Change	°IRHD	-3	FMVSS 116
Rubber Diameter Change		+0,08	FMVSS 116
Tinned Iron	? mg/cm²	0	FMVSS 116
Viscosity at 100 °C	cSt	3,08	ASTM D445
Viscosity at -40 °C	cSt	1739	ASTM D445
Effect on Rubber		.	FMVSS 116
Water Tolerance at +60 °C		klar, keine Ablagerungen	FMVSS 116
Water Tolerance at -40 °C		klar, 5s	FMVSS 116
Water content	%	<0,05	DIN 51777-1
Chemical Stability	°C	+2	FMVSS 116
Density at 20 °C	kg/m³	1075	DIN 51575
EPDM at 120 °C	? Härte	-4	ISO 4925
Appearance		i.O.	FMVSS 116
Fluidity & Appearance at -40 °C		i.O., 5s	FMVSS 116
Fluidity & Appearance at -50 °C		i.O., 8s	FMVSS 116
Cast Iron	? mg/cm²	+0,10	FMVSS 116
High Temperature Stability	°C	-5	FMVSS 116
Corrosion Resistance		.	FMVSS 116

CHARACTERISTICS	PROPERTY	DATA	AUDIT
Copper	? mg/cm²	-0,03	FMVSS 116
Brass	? mg/cm²	-0,02	FMVSS 116
Compatibility at +60 °C		klar, keine Ablagerungen	FMVSS 116
Compatibility at -40 °C		klar, keine Phasentrennung	FMVSS 116
Wet Equilibrium Reflux Boiling Point	°C	213	FMVSS 116
Oxidation Resistance		.	FMVSS 116
pH - value		7,1	FMVSS 116