



# RAVENOL Racing Brake Fluid R 325+

**Kategorie:** Brake fluid

**Artikelnummer:** 1350604

**Specification:** SAE J 1703, SAE J 1704, übertrifft die Anforderungen an DOT 5.1, übertrifft die Anforderungen FMVSS 116 DOT 4

**Application:** Passenger car, Motorcycle, Racing

**Technology:** Racing



0.5L | 1350604-500

**RAVENOL Racing Brake Fluid R325+** is a specially developed high performance braking fluid that has a very high thermal resistance at the very highest DOT 4 level. The formula is based on top class technology with a glycol ether / ester system. The use of a proven additive combination in conjunction with a basis system that is specifically adjusted for the high boiling range to the guarantees safety even under the most extreme loads.

**RAVENOL Racing Brake Fluid R325+** is an ideal brake fluid for motor sports (car and motorbike racing) due to its very high dry and wet boiling point. The braking system is more responsive even under extreme conditions. Please always observe the vehicle manufacturers specifications.

## Application Note

To achieve optimum results the braking system should be freshly filled with **RAVENOL Racing Brake Fluid R325+** 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 (EU waste code 160113)

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

## Characteristics

- Optimum ABS properties
- Chemical stability.
- Highest lubricating power

- Neutral behaviour towards brake parts
- Low viscosity even at low temperatures
- Can be mixed with all braking fluids of the same specification.

## Technical Product Data

PROPERTY	UNIT	DATA	AUDIT
Colour		gelb	VISUELL
Sediment	%		FMVSS 116
Aluminium	? mg/cm <sup>2</sup>	-0,01	FMVSS 116
SBR at 120 °C	Ø ?, mm	+1,05	FMVSS 116
SBR at 70 °C	Ø ?, mm	+0,76	FMVSS 116
Boiling point	°C	328	FMVSS 116
Steel	? mg/cm <sup>2</sup>	+0.01	FMVSS 116
Hardness Change	°IRHD	-4	FMVSS 116
Rubber Diameter Change		+0,03	FMVSS 116
Evaporation	%w/w	50	FMVSS 116
Tinned Iron	? mg/cm <sup>2</sup>	+0,03	FMVSS 116
Viscosity at 100 °C	mPa*s	2,59	ASTM D445
Viscosity at -40 °C	cSt	1495	ASTM D445
Water Tolerance at +60 °C		klar, keine Ablagerungen	FMVSS 116
Water Tolerance at -40 °C		klar, 5s	FMVSS 116
Water content	mg/kg		DIN 51777-1
Chemical Stability	°C	+1	FMVSS 116
Density at 20 °C	kg/m <sup>3</sup>	1078,0	EN ISO 12185
EPDM at 120 °C	? Härte	-2,5	FMVSS 116
EPDM at 70 °C (as required by SAE J1703)	? Härte	-1	FMVSS 116
Appearance		i.O.	FMVSS 116
Fluidity & Appearance at -40 °C		i.O., 4s	FMVSS 116
Fluidity & Appearance at -50 °C		i.O., 7s	FMVSS 116
Cast Iron	? mg/cm <sup>2</sup>	-0,10	FMVSS 116
High Temperature Stability	°C	-1	FMVSS 116

PROPERTY	UNIT	DATA	AUDIT
Copper	? mg/cm <sup>2</sup>	-0,05	FMVSS 116
Brass	? mg/cm <sup>2</sup>	-0,04	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	204	FMVSS 116
pH - value		7,51	FMVSS 116

All indicated data are approximate values and are subject to the commercial fluctuations.

**Alle angegebenen Daten sind ca. Werte und unterliegen handelsüblichen Schwankungen.**

05.06.2023