RAVENOL DOT 4

Kategorie: Brake fluid

Artikelnummer: 1350611

Specifications: FMVSS 116 DOT 4, ISO 4925 Klasse 4, SAE J 1704

0.25L | 1350611-250
0.5L | 1350611-500
1L | 1350611-001
20L | 1350611-020

RAVENOL DOT 4 is a brake fluid for the use in all vehicles with optimum ABS characteristics. There is a chemical stability and it is provided with additives which save the best lubrication efficiency.

Because of the special formulation of **RAVENOL DOT 4** the international specifications SAE J 1704, ISO 4925 and the safety regulations FMVSS 116 DOT 3 and DOT 4 from the United States of America are exceeded.

Application instructions

RAVENOL DOT can be used in all vehicles for which the DOT 4 specification for brake fluids is required. It is suitable for all hydraulic brake systems with synthetic fluids.

RAVENOL DOT is miscible with all known brake fluids of the same specification. To use the high performance level of **RAVENOL DOT** , a complete change of the brake fluid is recommended.

RAVENOL DOT is not suitable for vehicles with mineral oil systems (e.g. certain Citroën models).

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 characteristics
- chemical stability
- best lubrication efficiency
- neutral behaviour regarding brake parts
- low viscosity at low temperatures
- miscible with all brake fluids of the same specifications

Technical Product Data

CHARACTERISTICS	PROPERTY	DATA	AUDIT
Colour		hellgelb	VISUELL
Sediment	%	<0,05	FMVSS 116
Aluminium	? mg/cm²	+0,02	FMVSS 116
SBR at 120 °C	Ø ?, mm	+0,73	FMVSS 116
SBR at 70 °C	Ø ?, mm	+0,56	FMVSS 116
Boiling point	°C	271	FMVSS 116
Steel	? mg/cm²	-0.01	FMVSS 116
Hardness Change	°IRHD	-4	FMVSS 116
Rubber Diameter Change		+0,16	FMVSS 116
Evaporation	%w/w	61	FMVSS 116
Tinned Iron	? mg/cm²	+0,04	FMVSS 116
Viscosity at 100 °C	mPa*s	2,41	ASTM D445
Viscosity at -40 °C	cSt	1340	ASTM D445
Water Tolerance at +60 °C		klar, keine Ablagerungen	FMVSS 116
Water Tolerance at -40 °C		klar, 3s	FMVSS 116
Water content	%	<0,20	DIN 51777-1
Zinc	? mg/cm²	+0,01	FMVSS 116
Chemical Stability	°C	+1	FMVSS 116
Density at 20 °C	kg/m³	1052,0	EN ISO 12185
EPDM at 120 °C	? Härte	-2	FMVSS 116
EPDM at 70 °C (as required by SAE J1703)	? Härte	-2	FMVSS 116
Appearance		i.O.	FMVSS 116
Fluidity & Appearance at -40 °C		i.O., 4s	FMVSS 116
Fluidity & Appearance at -50 °C		i.O., 8s	FMVSS 116
Cast Iron	? mg/cm²	-0,03	FMVSS 116

CHARACTERISTICS	PROPERTY	DATA	AUDIT
High Temperature Stability	°C	-1	FMVSS 116
Copper	? mg/cm²	-0,05	FMVSS 116
Brass	? mg/cm²	-0,08	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	169	FMVSS 116
Natural at 70 °C (as required by ISO 4925)	Ø ?, mm	+0,38	FMVSS 116
pH - value		8,20	FMVSS 116