

AC3003 BRAKE FLUID DOT-3

PRODUCT BULLETIN

Brake fluid for hydraulic brake and clutch systems with a boiling point at least 205°C and a wet boiling point of at least 140°C.

Important product features:

- It has high heat stability.
- Protects metal brake system parts from corrosion especially for ferrous and non ferrous.
- Gently swells rubber seals to enhance sealing & prevent system leaks.
- Lubricates moving parts to prolong service life.
- Good Low temperature performance.
- Flows smoothly in Hot or Cold conditions.

Colour		Clear to amber
Density at 20°C		>1.0kg/l
Viscosities	100°C	>1,5 mm ² /s
	-40°C	<1500 mm ² /s
Boiling Point (ERBP)		Min. 205°C
Wet Boiling Point		Min. 140°C
Fluid Stability	High Temperature	Diff. <4,25°C
	Chemical Stability	Diff. <4,25°C
Evaporation	Loss	<80 %-wt
	Pour Point of residue	<-5°C
	Appearance of residue	No gritty or abrasive precipitate
pH – Value		7.0-11.5
Fluidity at Low Temperatures	144h at -40°C	Black contrast lines of hiding power test chart clearly discernible
	Appearance	No stratification or sedimentation
	Air Bubble	Air bubble travel time <10s
Fluidity at Low Temperatures	6h at -50°C	Black contrast lines of hiding power test chart clearly discernible
	Appearance	No stratification or sedimentation
	Air Bubble	Air bubble travel time <35s
Water Content		<0.2 %-wt
Water Tolerance	120h at 40C	Black contrast lines of hiding power test chart clearly discernible
	Appearance	No stratification or sedimentation
	Air Bubble	Air bubble travel time <10s
Water Tolerance After addition 24h at +60C	Appearance	No stratification
	Sedimentation	<0.15% vol.
Compatibility	24h at -40C	Black contrast lines of hiding power test chart clearly discernible
	Appearance	No stratification or sedimentation
Compatibility After additional 24h at +60C	Appearance	No stratification
	Sedimentation	<0.05% vol.

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