

TECHNICAL DATA SHEET

ORIENT BREAK FLUID DOT - 3

Description :

Orient Brake Fluid DOT 3 is a high boiling synthetic brake fluid which exceeds the requirements of the SAE J1703, FMVSS 116 DOT 3, ISO 4925 and JIS K2233 specifications.

Orient Brake Fluid DOT 3 is formulated from mixed poly alkylene glycol ethers together with lubricity additives and corrosion inhibitors. The high level of protection against wear and corrosion offered by this product will prolong the service life of the system components making it especially suitable for use in hydraulic clutch systems.

Applications :

Brake Fluid DOT 3 is designed for use in the hydraulic brake and clutch systems of passenger cars and commercial vehicles with the exception of those systems for which a mineral oil-based fluid is recommended (for example, some Citroen system).

It is strongly recommended that Orient Brake Fluid DOT 3, should be changed according to the vehicle manufacturers advice. In the absence of such advice, a 1-year change period is recommended.

Meets Performances :

✚ FMVSS 116 DOT 3

Typical Characteristics :

Name	Method	Units	Specification	Brake Fluid DOT 3
Appearance	Visual	-	Bright clear liquid	Bright clear liquid
pH	SAE J 1703	pH	7-11.5	7.4
Density @ 20°C	ASTM D 1298	g/ml	Report	1.066
Wet Equilibrium Reflux Boiling Point	ASTM D 1120	°C	148 MIN	152
Dry Equilibrium Reflux Boiling Point	ASTM D 1120	°C	205 MIN	208
Kinematic, Viscosity@100°C	ASTM D 445	mm ² /S	1.50 MIN	1.72
Kinematic, Viscosity@-40°C	ASTM D 445	mm ² /S	1500 MAX	1350
Water Content, % wt	ASTM D 1123	% wt	<0.2	0.15

Storage :

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing condition.