



ATLANTIC FRENO BRAKE FLUID DOT 5.1

HIGH PERFORMANCE GLYCOL ETHER BASED BRAKE FLUID

DESCRIPTION

ATLANTIC FRENO BRAKE FLUID DOT 5.1 is premium quality, non-silicone, non-mineral/petroleum based, fully synthetic brake fluid designed for use in a wide range of brake and clutch applications. It offers superior dry and wet boiling points and maintains viscosity in cold and hot environments.

APPLICATIONS

ATLANTIC FRENO BRAKE FLUID DOT 5.1 is recommended for re-fill or top-up of brake and clutch systems in passenger cars, 4WD's, motorcycles, light and heavy-duty commercial vehicles, mining, construction and agricultural equipment that require a non-petroleum-based brake & clutch hydraulic fluid. ATLANTIC FRENO BRAKE FLUID DOT 5.1 Suitable for use where the vehicle manufacturer specifies either DOT 3, DOT 4, or DOT 5.1 fluids. It is also suitable for use with all types of seals, hoses and other brake and clutch system parts. Low viscosity (at -40°C), for faster fluid circulation in micro-valves of ABS systems.

Application field: from -40°C till 270°C.

NOTE: Intermixing of brake fluids of different grades is not recommended. Intermixing may impact braking performance of some brake systems. This product is not miscible with silicone based brake fluids. This product is not compatible with any mineral or synthetic oil based fluids

PERFORMANCE FEATURES AND BENEFITS

- Excellent braking response due to high boiling point of fluid.
- High wet boiling point ensures long term retention of fluid performance.
- Better performance for life of fluid.
- Compatible with all common brake system materials
- Borate esters to scavenge water and maintain ERBP as the fluid ages
- Anti-corrosion properties: complete brake system protection.
- Elastomer compatibility: no leakage or fluid losses.

RECOMMENDATIONS / SPECIFICATIONS

DOT 5.1 - FMVSS 116 DOT 5.1, DOT 4 and DOT 3, SAE J1703/ J1704, ISO 4925 (Class 5.1, 4 & 3)
Meets the quality requirements of European Manufacturers

TYPICAL TECHNICAL PROPERTIES

PRODUCTS CODE:	ASP-BF-25003
Density at 20°C, g/ml, ASTM D4052	1.069
Kinematic Viscosity at 100°C, mm²/s, ASTM D445 (1.5min)	2.16
*Dry ERBP (FMVSS No. 116) S.11, °C	>260
**Wet ERBP (FMVSS No. 116) S.12, °C	>180
pH (FMVSS No. 116) S.14	7.5
Kinematic viscosity at -40°C, ASTM D445, mm²/s (900max)	810
Boron, PPM	410
Corrosion Test @ 100°C for 120hrs	passes test

Note: These characteristics are typical of current production. While future production will conform to Atlantic's specification, variations in these characteristics may occur.

* Dry equilibrium reflux boiling point (ERBP) - the boiling point of new, freshly opened brake fluid.

** Wet ERBP - the boiling point of brake fluid having absorbed 3.7 percent water.

STORAGE STABILITY

Storage time is up to three years in sealed, metal, bulk containers. Protection should be provided to prevent any moisture contamination. Moisture contamination will result in a 5-10°C boiling point drop for each 0.1% of water absorbed.

Packing: 250 ml, 244 ml, 500 ml, 1L, 200L, 205L, 208L, 210L

ATL/PDS/ASP/001b-12520ASP/01*, 01.06.25, Page 1/1

* supersedes all previous versions