



PHOENIX

Brake Fluids

Technical Data Sheet



GUARD 5.1

Fully Synthetic

PRODUCT DESCRIPTION:

GUARD 5.1 is a premium quality fully synthetic polyglycol based, non-silicone, DOT 5.1 brake fluid designed for all driving conditions and brake systems, including disc, drum and anti-skid (ABS) applications. It ensures advanced performance and system protection. It has excellent viscosity-temperature properties over a very high and low temperature range.

APPLICATION:

For use in applications requiring disc, drum and anti-skid braking systems used in vehicles requiring DOT 5.1.

FEATURES & BENEFITS:

- High wet boiling point
- Excellent low temperature stability
- Good temperature viscosity performance Excellent corrosion protection
- Compatibility with different rubber seals.
- Excellent thermal stability

PERFORMANCE LEVELS: Meets and Exceeds:

- FMVSS 116 DOT 5.1
- ISO 4925 (Class 5.1)

TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	GUARD 5.1
Grade			DOT5.1
Kinematic Viscosity @ 212°F / 100°C	ASTM D-7042	cSt	2.16
Density at 20°C	ASTM D-4052	°C	1.069
Wet Boiling Point	ASTM D-1120	°C	187
Dry Boiling Point	ASTM D-1120	°C	272
pH	ASTM D-1287	-	7.49
Kinematic viscosity at -40°C	ASTM D-445	cSt	810

HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website Phoenixlubricants.com