

TECHNICAL DATA SHEET

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PERFORMANCE LEVELS

MIL-PRF-46176
MIL-PRF-46176B
NATO Code H-547

PACK SIZES

1 Gallon · 5 Gallon
55-Gallon drum · IBC

PRODUCT FAMILY

IBROMA Brake Fluids
High-Performance Grease & Oils

MANUFACTURED BY

IBROMA LUBRICATION LTD

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SILICONE BRAKE FLUID

DOT 5 BRAKE FLUID

Silicone brake fluid for -55 °C to 55 °C ambient service

DESCRIPTION

DOT 5 Silicone Brake Fluid (DOT V) is formulated for hydraulic brake systems at ambient temperatures from -55 °C to 55 °C. It provides corrosion protection and lubrication of brake-system components, has higher dry and wet boiling points than conventional glycol-based brake fluids, and will not damage paint.

COMPATIBILITY

Compatible with numerous brake-system components such as natural rubber, Neoprene, SBR and EP; SBR-1 demonstrates outstanding operational performance.

COST-SAVING BENEFITS

- Low pour point — does not freeze down to -70 °C
- Excellent thermal and oxidation stability
- Excellent wear and corrosion protection
- Effective lubrication at high and low operating temperatures

TYPICAL PROPERTIES

PROPERTY	TYPICAL
Specific gravity at 25 °C	0.958
Flash point, min, °C	204
Viscosity at -55 °C, max, cSt	900
Viscosity at 100 °C, min, cSt	1.3
Equilibrium reflux boiling point (ERBP), min, °C	260
Wet reflux boiling point, min, °C	207

Typical values shown do not constitute a specification. The information is based on current knowledge and is intended to describe the product for possible applications; it does not release the user from performing preliminary tests.