



Canoil Canada Ltd.

“MEETING TOMORROW’S NEEDS TODAY”

Canoil EMB Plus Grease

PRODUCT DESCRIPTION:

Canoil EMB (Electric Motor Bearing) Plus Grease is a high performance, long life multi-purpose, and electric motor bearing grease specifically developed for the power generation industry. It exhibits excellent thermal stability, exceptional high temperature capabilities and excellent dielectric properties. Formulated with the latest additive technology to boost longevity and equipment protection, it also has good shear stability even when compared to typical EMB greases. Specially selected base oils impart properties that resist the whipping effect on grease of high-speed bearings. It maintains its consistency under severe working conditions, and resists rust and oxidation. The chemistry of Canoil EMB Plus does not contain EP additives that can damage electric motor windings.

KEY FEATURES:

- Highly stable over long durations
- Very good oxidation and rust protection
- Retains consistency when exposed to temperature and radiation
- Outstanding High Temperature properties
- Resists whipping effect of high-speed bearings
- Formulated without Extreme Pressure (EP) additives that are harmful to windings

CUSTOMER BENEFITS:

- Fill for the life capabilities
- Provides effective lubrication for an extended period of time
- Continues to protect equipment following exposure to heat and radiation
- Effective service in high temperature settings

APPLICATIONS:

Canoil EMB Plus Grease is designed for use in the power generation industry and is suitable for long-term and fill for lifetime lubrication in a variety of applications including:

Rolling Bearings in

- Electric motors
- Fan Heaters
- Drying installations
- Textile machines
- Paper Machine

Automotive components

- Motor Fans & assembly
- Hinges, linkages, latches
- Fifth wheel application

PACKAGING:

Drums 400 lb / 180 kg, pails 35lb / 17 kg, kegs 120lb / 55 kg and 14.1 oz / 400 gram tubes

Typical Properties:

Product Data	Canoil EMB Plus Grease	Test Method
NLGI Grade	2	ASTM D217
Colour	Amber	Visual
Type of Thickener	Lithium Complex	-
Thickener Content, %	16-21%	ASTM D128
Appearance/Texture	Smooth	Visual
Consistency, 60 strokes	265-295	ASTM D217
Consistency, 10,000 strokes	+ 20 max	
Consistency, 100,000 strokes	+ 30 max	
Viscosity, cSt @ 40 °C	105-125	ASTM D445
Viscosity, cSt @ 100 °C	12.0	ASTM D445
Viscosity Index	95	ASTM D2270
Dropping Point, °C (°F)	275 (527) min	ASTM D 2265
Roll Stability, % change	10 max	ASTM D1831
Copper Corrosion	1B	ASTM D4048
Rust Test	Pass	ASTM D 1743

Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice.

Health and Safety:

When used for its intended application, this product is not expected to have any adverse health implications. For complete information on safe handling, as well as physical and chemical characteristics please refer to the Material Safety Data Sheet (MSDS) found on our website, www.canoilcanadald.com or call toll free 1-855-520-2022. Do not use this product for purposes other than its intended use. Please be responsible to the environment when disposing of used product.

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