



Traction Gear M

Locomotive Traction Motor Grease

Description

Traction Gear M is a sodium-soap thickened, tacky gear lubricant specially formulated to protect heavily loaded gears of axle-hung locomotive traction motors and other heavy power propulsion systems. Traction Gear M forms a tough oil film that will not rupture under severe gear tooth loading.

This grease offers excellent resistance to oxidation and it can operate in extreme conditions of temperature and load over long periods without significant deterioration. This product has been specifically formulated with design-viscometry to prevent excessive seal leakage at high-ambient running temperatures whilst ensuring it will not channel at low temperatures.

Applications

Traction Gear M has been specifically designed for the lubrication of locomotive power propulsion systems - especially traction gear-motors.

It is approved by General Electric to their specification General Electric D50E8C - Gear Lubricant

Main Benefits

- Provides good gear protection over a wide temperature range
- Easy application of grease to gear box
- Correct volumes of lubricant can be ensured by a requirement that a certain number of packs per day be added
- Water resistant
- Better all round performance characteristics when compared to bitumen alternatives
- Minimises leakage
- Approved by GE

Storage

All packages should be stored under cover and secure at moderate temperatures. Always reseal containers after use. Grease guns and grease systems should be maintained clean and in good working order.

Health, Safety and Environment

Health, safety and environmental information is provided for this product in the Materials Safety Data Sheet. These sheets are available from the local BP office or the BP Lubricants and Fuels Technical Helpline (phone 1300 139 700). BP Australia Limited or its subsidiaries will not accept liability if the product is used other than in the manner or with the precautions or for the purpose/s specified. Before the product is used other than as directed, advice should be obtained from the local BP office or the Technical Helpline.

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Typical Characteristics

Grade:	Traction Gear M			
Mnemonic:	TRACGM			
Product Code:	515127			
	Test Method	Units		
Appearance	Visual		Dark Brown	
Texture			Tacky	
NLGI Consistency			1	
Thickener/Soap			Sodium	
Penetration @ 25°C	ASTM D2265	dmm	340	
Unworked				
Viscosity Brookfield @ 200°F		cP	3500	