

LOCOLUB TMGG 516,512

Traction motor gear grease

Performance Features

- provides higher levels of protection and longer service life
- wide operating temperature range
- superior metal wear control
- low drag formula minimizes transmission losses

Description

LOCOLUB TMGG 516 and 512 (TRACTION MOTOR GEAR GREASE) are lithium-thickened grease designed to meet the needs of severe lubricant requirements demand- ed of locomotive traction motor gears. Both lubricants pro- vide excellent protection against heavily loaded locomotive traction motor gears and resist oxidation at high tempera- tures resulting in outstanding viscosity stability leading to extended service intervals.

Field of application

LOCOLUB TMGG 516: formulated to the Brookfield Apparent Viscosity range of 5,000 to 10,000 cP specified by EMD, and is recommended for the lubrication of EMD traction motor gears.

LOCOLUB TMGG 512: formulated to the Brookfield Apparent Viscosity range of 15,000 to 20,000 cP and is recommended for those applications where high leakage situations necessitates a heavier viscosity lubricant be used or where constant high ambient temperatures are encoun- tered.

Method of application

Drop grease bags into traction motor gear case through the filler port until the manufacturer's recommended amount has been reached.

Product Information



LUBRITECH
Special Application Lubricants

TYPICAL CHARACTERISTICS

Characteristics	Value	Unit	Test	
Product Name	Locolub TMGG 516	Locolub TMGG 512		
Product Code	151680	151280		
Thickener	lithium	lithium		
Texture	adhesive	adhesive		
Color	black	black		
4-Ball Weld	315	315	Kgf	ASTM D2596
4-Ball LWI	62	62	Kgf	ASTM D2596
Brookfield @ 200°F, #3 Spindle	7500	18,500	4 rpm, cPs	ASTM D2983
Timken OK Load	35	35	lbs	ASTM D2509

Package size: on request

LLS = LUBRITECH Laboratory Specification
Typical for current production. Variations in these characteristics may occur.

As far as we know this information reflects the current state of knowledge and our research. It cannot, however, be taken as an assurance about the properties nor as a guarantee of the suitability of the product for the individual case in point. Before using our products the purchaser must, therefore, check their suitability and be satisfied that the output will be satisfactory. Please be aware that our products must not be used for applications in nuclear primary circuits or on-board aerospace systems. Our products undergo continuous improvement. We therefore retain the right to change our product program, the products, and their manufacturing processes as well as all details of our product information sheets at any time and without prior announcement, unless otherwise provided in customer-specific agreements. With the publication of this product information sheet, all previous editions cease to be valid.

We are specialized in developing products for extreme tribological problems in cooperation with end users.
FUCHS LUBRITECH provides service and individual advice. Please contact us!
E-Mail: Lubritech-US@fuchs.com