

Mobilube HD-A Series

Premium Multipurpose Automotive Gear Lubricants

The Mobil logo consists of the word "Mobil" in a blue, sans-serif font. A red arc is positioned above the letters "i" and "l", extending from the top right towards the center of the page.

Product Description

Mobilube HD-A Series are premium quality, gear lubricants primarily intended for the lubrication of commercial fleet manual transmissions, drive axles and final drives in heavy duty service. They are formulated from high quality mineral oils and an advanced additive system to provide exceptional chemical and thermal stability at elevated temperatures up to an intermittent bulk oil temperature of 150°C. They give outstanding protection against wear in heavily loaded drive axles and they inhibit rusting and corrosion. Good low temperature properties ensure effective lubrication in cold weather conditions. They are resistant to foaming.

Specifications

Recommended for use in applications requiring API GL-5 service classification; Mercedes Benz Sheet 235.0; ZF TE-ML-05A/07A/12A; MAN 342 N.

Benefits/Advantages

- Outstanding protection against wear in the most severe conditions particularly in heavy loaded rear axles.
- Minimal deposits and sludge due to exceptional thermal stability and resistance to high temperature oxidation.
- Protection against rust and corrosion.
- Effective lubrication at low ambient temperatures.
- Long oil life.
- Suitability for running-in, topping-up and extended drain.
- Reduced maintenance costs.

Application

Mobilube HD-A Series are recommended for the lubrication of heavily loaded drive axles, particularly hypoid gears, of commercial and passenger vehicles and construction equipment. They are suitable for gearboxes, steering gears and variable gears requiring MIL-L-2105 B/C quality lubricants. They are compatible with seal and gasket materials used in automotive gear assemblies.



Typical Properties

Mobilube HD-A	85W-90
SAE GRADE	85W-90
Viscosity	
cSt at 40°C	185
cSt at 100°C	17.1
Viscosity Brookfield	
cP at -12°C	33,000
Viscosity Index	98
Flash Point, °C	205
Pour Point, °C	-24

Health and Safety

Based on available toxicological information, these products produce no adverse effects on health when properly handled and used. No precautions are suggested beyond attention to good personal hygiene, including laundering oil-soaked clothing and washing skin contact areas with soap and water. Additional health and safety information on these products, including Material Safety Data Bulletins, is available on request from your local ExxonMobil company.

ExxonMobil Middle East Marketing Corporation
P. O. Box 33369, Dubai, U.A.E.

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