

Mobil

Product Data Sheet

Mobilube HD Multigrade Series

Premium Multipurpose Automotive Gear Lubricants

Product Description

Mobilube HD Multigrade Series are premium quality, multipurpose gear lubricants primarily intended for the lubrication of commercial fleet manual transmissions, 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 low speed/high torque wear and against high speed scoring and they inhibit rust and corrosion. Good low temperature properties ensure effective lubrication in cold weather conditions.

Specifications

Mobilube HD Multigrade Series meet or surpass the following specifications:

- API GL-5 service classification
- Mack GO-G approved

Benefits

Mobilube HD Multigrade Series offer the following benefits:

- Minimal deposits and sludge due to exceptional thermal stability and resistance to high temperature oxidation
- Reduced maintenance costs because of outstanding protection against low speed/high torque wear and high speed scoring
- Protection against rust and corrosion
- Effective lubrication at low temperatures
- Simplified inventory due to multipurpose capability

Applications

Mobilube HD Multigrade Series are recommended for initial fill, topping-up and refill of enclosed automotive gears for manual transmissions, gear cases of semi-automatic transmissions where gear oils are recommended, drive axles and final drives of passenger cars, trucks, taxicabs and contractor and farming equipment. They are designed to meet API GL-5 service requirements characteristic of gears, particularly hypoid gears, operated under such conditions as high speed/shock load, high speed/low torque and low speed/high torque. Mobilube HD Multigrade Series

are compatible with seal and gasket materials used in automotive gear assemblies.

Typical Properties

Mobilube HD Multigrade		80W-90	80W-140	85W-140
Product Code		970472	979294	970166
	Test Method			
SAE Grade		80W-90	80W-140	85W-140
Viscosity	ASTM D445			
cSt at 40°C		131	266	351
cSt at 100°C		14.0	26.0	28.0
Viscosity	ASTM D2983			
Brookfield				
cP at -26°C		140,000	134,000	85,000
Viscosity Index	ASTM D2270	100	125	95
Flash Point, °C	ASTM D92	220	210	210
Pour Point, °C	ASTM D97	-24	-27	-15

Health & 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 Mobil company.