

Mobilube HD-A 85W-90

Automotive Gear Lubricant

Product Description

Mobilube HD-A 85W-90 is a heavy duty gear lubricant formulated from high performance base oils and an advanced additive system. This lubricant is engineered for commercial transmissions, axles, and final drives where extreme pressures and shock loading are expected providing exceptional performance where API GL-5 service is required.

Features and Benefits

Today's heavy equipment applications place higher performance demands on drive-train lubricants. Higher speeds, higher torque, and heavier loads require improved formulations to maximise equipment life and minimise operating costs. Longer service intervals place additional demands on the gear lubricant requiring effective basestock and additive systems. Mobilube HD-A 85W-90 gear lubricant is engineered to meet these challenges. The key benefits include:

Features	Advantages and Potential Benefits
Excellent thermal stability and resistance to high temperature oxidation	Extended gear and bearing life due to minimal deposits Longer seal life
Good protection against low speed/high torque wear and against high speed scoring especially in heavily loaded rear axles	Increased load carrying capability Reduced maintenance costs and longer equipment life
Effective rust and corrosion protection	Reduced wear and longer component life
Multipurpose capability	Reduced number of gear lubricants required
Compatible with typical automotive seals and gaskets	Minimum leakage and reduced contamination
Extended drain capability	Increased productivity and reduced operating costs

Applications

- Heavy duty automotive manual transmissions, axles, and final drives requiring API GL-5 level performance
- On highway cars and light trucks; heavy duty commercial vehicles
- Off highway industries including: construction, mining, quarrying, and agriculture
- Other gearboxes, steering gears and variable gearboxes
- Other heavy duty industrial and automotive applications involving hypoid gears operating under conditions where high speed/shock load, high speed/low torque, and/or low speed/high torque prevail

Specifications and Approvals

Mobilube HD-A 85W-90 meets or exceeds the following industry and builder specifications:

API GL-5

Daimler Chrysler MB 235.0



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ZF-TE-ML 05A/07A/12A/16C/17B

MAN 342 Type N

Typical Properties

Mobilube HD-A 85W-90

SAE Grade	85W-90
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Viscosity, ASTM D 445	
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cSt @ 40°C	184
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cSt @ 100°C	17.0
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Viscosity Index, ASTM D 2270	99
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Pour Point, °C, ASTM D 97	-24
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Flash Point, °C, ASTM D 92	222
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Density @ 15°C kg/l, ASTM D 4052	0.90
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Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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