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AMCO VOLO MG SAE 80W90

AMCO VOLO MG are high performance, heavy duty gear lubricants formulated from high performance base oils and an advanced additive system. These lubricants are engineered for automotive applications including heavy duty axles and final drives where extreme pressures and shock loading are expected. The gear oil is specially formulated to meet the requirement of the new class of compactly built gearboxes. The compactness of the new class of gearboxes with increased power density, low clearances and with gear assembly partly submerged in the oil, results in the gear oil being subjected to greater operational severity.

Benefits

Exceptional thermal stability and resistance to high temperature oxidation
Extended gear and bearing life due to minimal deposits.
Longer seal life and reduced maintenance costs resulting in longer equipment life
Outstanding protection against low speed/high torque wear and against high-speed scoring
Increased load carrying capability.
Excellent rust and corrosion protection
Compatible with typical automotive seals and gaskets, Minimum leakage and reduced contamination.

Performance Levels

API GL-5
MIL-L-2105C, MIL-L-2105

Application

Heavy duty axles and final drives requiring API GL-5 level performance. Passenger cars, on highway light and heavy-duty trucks and commercial vehicles. Off highway industries including construction, mining, quarrying, and agriculture. 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.

Product characteristics

Properties	Units	Value	Test Method
Specific Gravity @ 15 ˚C	g/cc	0.895	ASTM D4052
Viscosity @40°C	mm2/s	150	ASTM D445
Viscosity @100°C	mm2/s	14.8	ASTM D445
Viscosity Index	–	>95	ASTM D2270
Flash Point, COC	°C	240	ASTM D92
Pour Point	°C	-27	ASTM D97
Foaming	ml, Max	0/0/0	ASTM D892

*Technical data provided here is for reference only. Minor variations in product typical test data are to be expected.