



# ATLANTIC GEAR OILS LS

High Performance Gear Oil

## PRODUCT DATA

### DESCRIPTION

**ATLANTIC GEAR OILS LS** are superior sulfur-phosphorus, extreme pressure gear lubricants formulated with premium quality base stocks to meet the demands for excellent performance. A special friction additive imparts to this oil the necessary properties to be used in differentials, which are equipped with a "limited-slip" mechanism.

### APPLICATIONS

**ATLANTIC GEAR OILS LS** are mainly recommended for conventional rear axles, limited slip rear axles, and transmissions requiring EP gear lubes under high speed, high load, high torque, and high horsepower conditions. The inclusion of Limited Slip Friction Modifier in this product makes it unnecessary to add additional friction modifier in most vehicles.

### DESCRIPTION

**ATLANTIC GEAR OILS LS** provides improved frictional properties and is adapted to limited slip applications. This high quality transmission oil contains excellent additives and selected base oils thus ensuring good protection against oxidation, corrosion and rust and helps extend gear life.

### PRODUCT BENEFITS

- Excellent load carrying capacity
- Extreme pressure properties
- High safety margin against foaming and corrosion
- Contains special additives to reduce chattering in limited-slip differentials
- Superior thermal stability
- Service fill limited slip capability
- Longer drain intervals
- Stable sulfur-phosphorous addition
- Demulsibility
- Excellent Frictional Properties

### RECOMMENDATIONS / SPECIFICATIONS

**API GL-5, MIL MIL -L-2105 C, MIL MIL -L-2105 D, ZF TE-ML 05**

Meets or exceeds the quality requirements of numerous vehicle manufacturers such as IVECO, MAN, SCANIA and VOLVO for heavy vehicles rear axles and final drive units.

TYPICAL TECHNICAL PROPERTIES			
SAE Grade	75W-90	80W90	85W140
Product code	12761GO	12762GO	12763GO
Density at 15°C, g/ml, ASTM D4052	0.873	0.897	0.905
Kinematic Viscosity at 40°C, mm <sup>2</sup> /s, ASTM D445	86.1	145.9	394
Kinematic Viscosity at 100°C, mm <sup>2</sup> /s, ASTM D445	14.4	14.4	28.1
Viscosity Index, ASTM D2270	174	96	98
Flash Point(COC), °C, ASTM D92	214	210	215
Pour Point, °C, ASTM D97	-45	-27	-18
Brookfield viscosity at -26 °C, mPas, ASTM D2983	130000	130000	100000
Phosphorus, wt%, ASTM 5185	0.066	0.066	0.066

**Note:** These characteristics are typical of current production. While future production will conform to Atlantic's specification, variations in these characteristics may occur.



Packing : 1 | 4 | 5 | 20 | 25 | 200 | 208 L