

## ATLANTIC SYNTHECH GEAR OIL SAE 75W80 API GL-5

(High Performance Fuel Economy Synthetic Gear Oil)

### DESCRIPTION

ATLANTIC SYNTHECH GEAR OIL SAE 75W80 API GL-5 is a synthetic thermally stable long life gear lubricant designed for improved fuel economy in commercial vehicles using manual transmissions fitted with different synchronisers including latest ones based on carbon. ATLANTIC SYNTHECH GEAR OIL SAE 75W80 API GL-5 is blended from synthetic base fluids and an advanced technology additive system to provide unmatched protection for extended durability of driveline components and enhanced fuel efficiency. ATLANTIC SYNTHECH GEAR OIL SAE 75W80 API GL-5 provides excellent protection to gears and bearings and is also compatible with various components within the transmission and supports extension of drain intervals.

### APPLICATIONS

ATLANTIC SYNTHECH GEAR OIL SAE 75W80 API GL-5 is exclusively developed for manual ZF transmissions fitted with conventional synchronisers (Sinter and Molybdenum) as well as latest carbon synchronisers. Also recommended for use in latest technology commercial vehicle manual transmissions requiring lubricants meeting MAN 341 Type Z4, MAN 341 Type E3 and Volvo 97305. Suitable for manual transmissions of DAF, IVECO and Renault requiring such quality oils. Also suitable for use in railroad transmissions which require gear oils meeting ZF TE-ML 16K.

### PERFORMANCE FEATURES AND BENEFITS

ATLANTIC SYNTHECH GEAR OIL SAE 75W80 API GL-5 has superior lubricating properties providing improved fuel economy compared to conventional gear oil. The usage of superior additive technology with optimised friction levels ensures very good gear engagement with a variety of synchroniser materials including latest carbon. Exceptional thermo-oxidative stability helps in keeping the gears clean for longer periods and extending the oil life – significantly longer than conventional gear oils. Provides effective protection against rust and corrosion to gear components. Outstanding low temperature fluidity ensures in smoother gear shift performance. Exceptional shear stability helps retaining viscosity and film strength to protect against wear even under severe operating conditions.

### RECOMMENDATIONS / SPECIFICATIONS

API: GL-5

Volvo 97305, DAF, IVECO, Renault, ZF TE-ML 02L/16K, MAN 341 Type Z4/MAN 341 Type E3

### TYPICAL TECHNICAL PROPERTIES

Viscosity Grade, SAE J306	75W-80
<b>Product code</b>	12775G0
Appearance, Visual	Bright & Clear
Density at 15°C, g/ml, ASTM D4052	0.859
Kinematic Viscosity at 100°C, mm <sup>2</sup> /s, ASTM D445	9.5
Kinematic Viscosity at 40°C, mm <sup>2</sup> /s, ASTM D445	56
Viscosity Index, ASTM D2270	155
Flash Point(COC), °C, ASTM D92	>190
Pour Point, °C, ASTM D97	-36 max
Brookfield Viscosity @ -40°C, mPa.s (cP), ASTM D2983	<150000

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

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\*supersedes all previous versions

