

711 | Syn-0-Gen Synthetic Diesel Engine Oil

U.S. Patent No. 6,586,374

DESCRIPTION:

Syn-0-Gen 711 Synthetic Diesel Engine Oil utilizes a patented formula for use in extended service intervals, improved lubricity, and lower operating costs with environmental benefits. It is a fully synthetic heavy duty diesel engine oil formulated with advanced additive chemistry which meets and exceeds API CI-4 Plus performance requirements. The CI-4 Plus diesel engine performance category supersedes the CI-4 performance level.

COMPOSITION:

Syn-0-Gen 711 utilizes pure PAO synthetic base stocks which are carefully formulated with a fully proven high TBN, low ash, additive package suitable for heavy duty diesel engine service with both regular and high sulfur diesel fuels in all parts of the world.

PERFORMANCE CHARACTERISTICS:

The following conditions are the areas in which Syn-0-Gen 711 is greatly superior to other heavy duty diesel engine oil products on the market today, synthetic and otherwise, which meet many technological performance standards and specifications.

- Piston Deposits
- Oil Consumption
- Ring and Liner Wear
- Roller-Follower Valve Train Wear
- Slider Valve Train Wear
- Corrosive Wear
- Oxidation/Sludging
- Soot/Filter Plugging
- Shear Stability
- Foam
- Volatility
- Extended Service

USES:

Syn-0-Gen 711 is an extended drain, long-life lubricant designed to severely limit transport and disposal of waste oil, and to provide the maximum and most diverse performance and range of application. Syn-0-Gen 711 is one of the few oils approved by Wartsila Diesel for use under warranty in its W200 engines as the result of a full-scale engine test in that engine.

APPLICATIONS:

Use in all heavy-duty diesel engines where performance in excess of API CI-4 Plus standards is desired. Syn-0-Gen 711 has proven superior performance and cost-effectiveness in diesel engines for power generating applications in long-term field evaluations.



SYNTHETIC
LUBRICANTS

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TYPICAL SPECIFICATIONS:

Viscosity Grade	5W40
Specific Gravity	0.86
API Gravity	33.8
Density, lb./gal.	7.13
Viscosity	
cSt @ 100°C	15.7
SUS @ 100°F	500
SUS @ 210°F	80.7
Viscosity Index	155
Pour Point, °C (°F)	-48 (-54)
Total Base Number (TBN)	11