

791 Syn-O-Gen Motor Oil

SAE 5W40

API CI-4 Plus/SL

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

DESCRIPTION:

791 Syn-O-Gen is a fully formulated CI-4 Plus/SL universal motor oil. Due to its 5W40 viscosity grade, 791 Syn-O-Gen meets and greatly exceeds many heavy-duty diesel engine requirements for multigrade engine oil. A 100% pure synthetic motor oil, Syn-O-Gen is vastly superior to partial synthetics. In addition, 791 is formulated to meet and exceed API SL for gasoline engines.

COMPOSITION:

791 Syn-O-Gen is formulated with pure synthesized hydrocarbon base stocks and polymers. It is fully compatible with all conventional mineral oil-based motor oils. 791 Syn-O-Gen is fortified with a high detergent 11 TBN additive package with highly effective dispersants, making it suitable for many diesel engines where 15W40 is required. Its low volatility compared to conventional light neutral based oils greatly reduces oil consumption. The high detergency plus the exceptional oxidation and thermal stability prevents deposits and oil breakdown, making much longer drain intervals possible. Special anti-wear additives in superior lubricating basestocks plus super engine cleanliness spells elimination of most wear and reduction of maintenance.

791 Syn-O-Gen is formulated for extreme cold temperature as well as extreme high temperature service. Its 5W viscosity at low temperatures allows it to replace conventional 5W30, 10W30, and 15W40 oils in gasoline as well as diesel engines

PERFORMANCE CHARACTERISTICS:

- Longer Drain Intervals
- Less Oil Consumption
- Less Wear
- Better Fuel Economy
- Reduces Maintenance
- Suitable for Mixed Fleets
- Wider Operating Temperature Range
- High RPM "Turbo" Quality

USES:

- Heavy Duty Diesel Engines
- Gasoline Engines
- Turbo/Racing Engines
- Arctic Service

APPLICATIONS:

- Fleets
- Agriculture
- Construction
- Industrial
- Drilling Rigs
- Stationary Engines
- Heavy Duty Trucks



SYNTHETIC LUBRICANTS

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TYPICAL SPECIFICATIONS:

	791	API/SAE Limits
SAE Grade	5W-40	
Kinematic Viscosity cSt @ 100°C	15.7	12.3 min.
Viscosity Index	155	
Cold Cranking Viscosity cP @ -25°C	2980	3500 max.
Pumpability Viscosity cP @ -30°C	9000	3250 to 30,000
Pour Point, °C (°F)	-48 (-54)	-35 (-31) max.
Noack Volatility 1 hr @ 250°C, %	12.4	13 max.
High Temperature/ High Shear, mPa's, min.	4.2	4.2