

NEO Synthetics

{PERFORMANCE UNDER PRESSURE}

MOTOROLIE 15W40



Product Data Sheet – NEO Synthetics High Performance Motor Oils

- A Clean Environment product
- Reduces friction
- Increases fuel mileage
- Runs cooler
- Superior film strength
- Resists high temperature
- Eases cold temperature starting
- Extends drain Interval
- Extends engine life

Specifications*:

NEO SAE 15W-40 Engine Oil meets and exceeds requirements for API (American Petroleum Institute) service classifications CE/CF-4/SG, CD-II, European Standard ACEA, and meets military specifications MIL-L-46152E and MIL-L-2104E.

It meets and exceeds the requirements for Cummins NTC-400 (400 hour), Mack EO-K/2, Mack T-7 Soot Control, Caterpillar T0-2, Allison C-4 Quality, and Detroit Diesel 1% ash

maximum, as well as all petrol engine specifications for this viscosity grade.

Caution: Use the viscosity grade recommended by the engine manufacturer for the expected environment. (* Subject to normal manufacturing tolerances)

NEO SAE 15W-40 Engine Oil is a multi-viscosity oil that meets and exceeds API Service Classification CE/CF-4/SG, as well as the performance requirements for MIL-L-46152E and MIL-L-2104E.

It is designed to meet and exceed manufacturer's performance requirements for Detroit Diesel, Allison C-4, Mack EO-K/2, Caterpillar T0-2, Cummins NTC-400, D-2, G-2, PD-1, and all petrol engine specifications for this viscosity grade.

Recommended for naturally aspirated, supercharged and turbo charged engines. The NEO 15W-40 base stock is diester 100% synthetic. To that base is added NEO's balanced

Specification	Value	Test Method
Viscosity Index	180	ASTM D-2270
Viscosity: Cold Cranking @ -15°C	3300 cP	ASTM D-2602
Viscosity: Kinematic @ 100°C	15.4 est	ASTM D-445
Viscosity Increase	6%	Seq. 111-C
(375% allowed)		
Total Base Number (TBN)	9	ASTM D-2896
(exceeds engine requirements by about 3 times)		
Sulfated Ash0	.8	ASTM D-874
Flash Point	470°F	ASTM D-92
Fire Point	520°F	
Pour Point	-50°F	ASTM D-97
Film Strength	About 6 times that of petroleum.	
Density@	60°F	7.25 pounds/gallon