

Product Description

Anglomoil Roadmaster 600 has been formulated in group II base oils and advanced chemistry to meet API CJ-4 / SM. Roadmaster 600 has been specifically formulated to meet the requirements of EPA 2007 compliant diesel engines equipped with after treatment devices such as diesel oxidation catalysts and particulate filters. This lubricant meets the most severe international specifications for diesel and petrol engine lubricants.

Product Features & Benefits

Anglomoil Roadmaster 600 SAE: 15W/40 provides unsurpassed control of soot, protection of highly stressed piston rings and cylinder liners as well as exceptional protection of valve train systems used in modern diesel engines. Roadmaster 600 is a certified CJ-4 oil and provides in addition, API SM petrol engine performance.

Background

Engine oil specifications are largely driven by exhaust emission legislation which have forced changes to engine design. These changes impose more severe operating conditions on the lubricating oil.

- Higher operating temperatures
- Exhaust gas re-circulation
- Increased carbon deposits

International bodies in America, Europe and Japan constantly review these standards, whilst at the same time, the automotive and petroleum industries devise new lubricant standards to meet the increasingly tough operating conditions,

Currently, the most severe standards for diesel engine lubricants are:

USA :	API CJ-4
Japan :	JASO DH-2
Europe :	ACEA E7/E9

The prime purpose of CJ-4 is to meet the demands of engines modified to meet the latest US emission standards. This standard cannot be enforced outside of the US, but nevertheless, it does offer extra performance advantages over CI-4 and CI-4 Plus, such as:

- Extended drain intervals
- Lower oil consumption
- Improved bearing protection
- Better soot control
- Reduced piston deposits

Typical Characteristics

Physical Properties		Chemical Properties	
S.G @20°C	0.8703	Sulphated Ash %Wt	0.97
KV @40°C cSt	96.3	Base No. mg KOH/gm	8.3
KV @100°C cSt	14.1		
VI	150.2		

Performance Levels

National			
- USA	SAE: 15W/40	API CJ-4 / CI-4 Plus / CI-4 / CH-4	API SM
- Japanese	JASO DH-2		
- Europe	ACEA E7-04 issue 2 (2007)	ACEA E9-08 (2008)	
Manufacturers	Cummins CES 20081	MAN 3575	
	Mercedes Benz 228.3 / 228.31	Mack EO-O Premium Plus	Mack EO-O PP-07
	Detroit Diesel DDC 93 K218	Volvo VDS-4 VDS-3	Deutz DQC 111-05
	Caterpillar ECF-1-a, ECF-2 & ECF-3	MTU Type 2.1	Renault Truck RLD-3

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