Heavy Duty Diesel engine Oil- Fully Synthetic

Vigor FS

SAE 5W40/10W40

3AE 3W40/ 10W4

API - CI - 4



Product Description

Goodyear Vigor Fully Synthetic is a very high performance lubricant for diesel engines. It is formulated with the combination of proven high performance additives and highly refined synthetic base stocks which ensure the control and sweeping away the soot and particles found in high performance engines.

Benefits

Vigor FS provides the following benefits:

- Developed to answer to the very severe technical
- constraints of new low emission diesel engines.
- · Good efficiency against bore polishing.
- High level thermal stability.
- High detergency and dispersancy levels.
- Helps protect against wear and corrosion.
- Helps to keep the engine clean by protecting from sludge formation.
- Fully synthetic base oils ensure very long life and clean performance in all tempratures.

Application

Vigor FS is suitable for all low emission engines meeting Euro 4, 3, 2 and US 2002 emission requirements. Also it has been tested and proven in off highway use also from severe operation in mining and construction operations. It is also suitable for many brands of Diesel engines, either locally or globally manufactured brands

Properties

The exclusive additive system delivers improved engine cleanliness and protection against piston deposits allowing to exceed the demanding requirements of most OEMs. It is adapted to the most severe servicing conditions such as transport, mining and public works. And its excellent thermal stability properties keep the stable enhances the oil change interval prolonged.

Typical Characteristics

Vigor FS	5W40	10W40	PERFORMANCE LEVEL- MEETS
API Grade	CI-4	CI-4	Global - DHD-1
Specific Gravity @ 15°C	0.8500	0.8600	ACEA: E7/A3/B404/
Flash Point, °C	225	230	MB 228.3
Pour Point, °C	-40	-35	VOLVO: VDS3
Viscosity at 40°C, cSt	84	91	MACK: EO - M Plus
Viscosity at 100°C,cSt	13.8	13.7	MTU: Type 2
Viscosity Index	150	153	MAN 3275
Total Base No., Min.	10.5	10.5	CUMMINS: 200728/7/6/1/
Sulfated Ash, % wt.	1.50	1.50	RVI: RLD / RLD2
			CAT: ECF 1

Typical physical characteristics of Vigor FS are given in the table. These are intended as a guide to the industry and are not necessarily manufacturing or marketing specifications.

Health & Safety

Detailed health and safety information for this product is provided in a Material Safety Data Sheet which is available upon request from your Goodyear lubricants sales office, or via the Internet on www.goodyearlubricants.me





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