Gulf Superfleet Professional ECON

Advanced Full Synthetic Engine Oil for Heavy Duty Diesel Engines

Product Description

Gulf Superfleet Professional ECON is an advanced full synthetic engine oil for heavy duty diesel engines, exclusively designed for the new generation, high performance, low emission engines. The advanced formulation with Tri-guard technology helps engines to fight against wear, and deposit build-up, and neutralises harmful acidic combustion byproducts preventing corrosion. Thus, it maximizes oil drain interval, and reduce maintenance cost and Total Cost of Ownership to today's modern fleet. It has enhanced fuel economy potential. The latest low SAPS (Sulphated Ash, Phosphorus, Sulphur) additive chemistry used in this oil facilitates in maintaining the efficiency of the emission reduction systems such as Diesel Particulate Filter (DPF), which is used to meet Euro VI emission requirements.

Features & Benefits

- Excellent deposit, wear & corrosion protection provides extended drain interval together with fuel economy benefits
- Excellent antiwear technology provides exceptional wear protection facilitating extended engine life
- Outstanding thermo-oxidative stability facilitates extended drain intervals & engine life
- Excellent low temperature fluidity aids cold start and protects against wear at start-up
- Advance low SAPS additive technology protects after treatment devices
- Superior shear stability reduces viscosity breakdown and oil consumption

Applications

- Recommended for highly rated latest generation low emission vehicles meeting Euro VI, Euro V and earlier emission norms
- Suitable for EGR engines with or without particulate filters and for engines fitted with SCR NOx reduction systems
- Strongly recommended for engines fitted with particulate filters and is designed for vehicles running on low sulphur diesel fuel (Max. 50 ppm)
- Suitable for application in commercial vehicle gas engines

Specifications, Approvals & Typical Properties

Meets the following Specifications		**5W-30**
ACEA E7/ E8/ E11, Cummins CES 20086, JASO DH-2, Daimler 15C100		**X**
MAN M 3477, DDC 93K222, MTU Oil Category 3.1, Deutz DQC IV-18 LA		**X**
CAT ECF-3, DAF extended drain		**X**
Has the following Approvals		
API CK-4, CI-4 Plus, MAN Standard M 3677, M3775		**X**
Daimler Truck Fluid Release 15C110 / Daimler Truck Fluid Release 15C120		**X**
Volvo VDS-4.5/ Mack EO-S 4.5/ Renault Trucks RLD-3 approval, Scania LDF-4		**X**
Typical Properties		
Test Parameters	**ASTM Method**	**Typical Values**
Viscosity @ 100 ºC, cSt	D 445	12.4
Viscosity Index	D 2270	163
Flash Point, ºC	D 92	229
Pour Point, ºC	D 97	-42
TBN, mg KOH/g	D 2896	9.8
Density @ 15ºC, Kg/l	D 1298	0.8547
Sulphated Ash, wt%	D 874	0.97
Phosphorus, wt%	D 4047/ICP	0.078
Sulphur, wt%	D 129/ICP	0.20

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Properties mentioned are typical only and minor variations, which do not affect product performance, are expected to arise in normal manufacturing processes. Please follow equipment manufacturer's recommendations for performance level and viscosity grade. The Safety Data Sheet for this product is available from your nearest Gulf Distributor. Please consult our local representative if any further information is required.

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