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Product Code: AE08014

**SYNMAX ORION FE 5w30** is a full synthetic, fuel efficient, low SAPS (Sulphated Ash, Phosphorus and Sulphur) heavy duty diesel engine oil designed for the latest generation of heavy duty diesel engines.

## APPLICATION

Especially suitable for the latest Euro 6 engines, and the extensive Performance Profile also enables coverage of mixed fleets, especially those with engines equipped with Diesel Particulate Filter (DPF) or catalytic after treatment system (such as SCR). Offers exceptional levels of engine protection even when operating with low-sulphur diesel fuel (50 ppm or below) and under severe heavy duty conditions.

## BENEFITS

- Designed to promote low oil consumption and enhanced fuel economy capabilities.
- Full synthetic 5w30 formulation offers exceptional thermal stability and easier cold starts.
- Minimizes diesel particulate filter (DPF / CRT) contamination and fouling.
- Protects catalytic after-treatments systems (SCR).
- Offers extended oil drain intervals thereby reducing maintenance costs.
- Formulated to reduce carbon contamination within engine crankcase and offer excellent piston cleanliness.

## PERFORMANCE PROFILE

Suitable for use where the following specifications are required;

- ACEA E4/E6/E7/E9
- API CJ-4
- Mercedes-Benz MB 228.51/228.31
- SCANIA – officially OEM confirmed to LDF-4
- MAN standard M3691
- MAN standard M3677 - approved
- MAN standard M3477 - approved
- MAN standard M3575 - approved
- MAN standard M3271-1 – approved
- IVECO 18-1804 Classe TLS E6 Euro 6 requirement
- Volvo VDS-4
- MACK EO-O/EO-N Premium Plus
- Renault RVI RLD-3
- Deutz DQC IV-10 LA
- MTU Type 3.1
- Detroit Diesel 93K218
- Cummins CES 20081
- CATERPILLAR ECF-3

## TYPICAL PROPERTIES

Density @ 15°C:	0.858	Phosphorus (% Wt):	0.8
KV @ 100°C:	12.2 cSt	Sulphated Ash (% Wt):	<1.0
NOACK (% Wt):	11	TBN:	12.8
Viscosity Index:	165		

## HEALTH & SAFETY

This product has been manufactured to the highest standards and when used for the purpose recommended is unlikely to present any significant health hazards. A Material Safety Data Sheet is available.

Indicated data are approximate values and are subject to the usual commercial fluctuations. All information correct at time of going to press to the best of our knowledge. This information may be subject to change without notification due to continual product research and development.