# SYNMAX ORION FE 5W-30

Last Updated: 08.10.2026
Product Code: AE08014

SYNMAX ORION FE 5W-30 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.

Note: Although not VOLVO VDS-5 or RENAULT RLD-5 approved, this product can be used where VOLVO VDS-5 or RENAULT RLD-5 specifications are required, but the oil drain interval should be amended accordingly.

## BENEFITS

- Designed to promote low oil consumption and enhanced fuel economy capabilities.
- Full synthetic 5w30 formulation offers exceptional thermal stability and easier cold starts.
- 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, E7, E8, E11
- ACEA E6, E9 (still suitable for use where these now-obsolete requirements are specified)
- API CK-4
- JASO DH-2
- SCANIA – officially OEM confirmed to LDF-4
- Volvo VDS-4.5 – Approval
- Renault RVI RLD-3 – Approval
- Mack EO-S 4.5 -Approval
- Caterpillar ECF-3
- Cummins CES 20086, 20081
- Mercedes-Benz MB 228.52, 228.51
- MAN standard M3677 – Approval
- MAN standard M3775
- MAN standard M3777
- MAN standard M3677
- MAN standard M3691
- MAN standard M3575
- MAN standard M3271-1
- Deutz DQC IV-18 LA
- IVECO 18-1804 Classe TLS E6
- MTU Type 3.1, 2.1
- Daimler Truck DTFR 15B110
- DAF PSQL 2.1E-LD
- DAF PSQL 2.4

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## TYPICAL PROPERTIES

| | |
|---|---|
| Density @ 15°C | 0.848 |
| KV @ 100°C | 11.9 cSt |
| Viscosity Index | 168 |
| Phosphorus (% Wt) | 0.8 |
| Sulphated Ash (% Wt) | <1.0 |
| TBN | 12.8 |

## HEALTH & SAFETY

Please refer to the Safety Data Sheet, freely available, for product handling and disposal advice. Please note that the SDS includes handling, storage, health and disposal information which should be passed on to anyone else who comes in contact with our product. Additional advice can also be obtained from your local representative.

NOTE: Read and understand all precautions on container labels before using this product.

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