



PRODUCT DATA SHEET



PRODUCT NAME/VISCOSITIES: TRUCKSYNTH EE 5W-30

DATA SHEET NO: 7745
LM: 31/01/19

DESCRIPTION:

Trucksynth EE 5W-30 is a fully synthetic OEM Approved low SAPS (Sulphated Ash, Phosphorus & Sulphur) fuel efficient high performance diesel engine oil based on advanced lubricant technology to provide "one engine oil" for most modern fleets. Offering maximum fuel efficiency, extended drain intervals and protection for engine and emission systems fitted to the latest generation of emission controlled diesel engines.

APPLICATION:

Trucksynth EE 5W-30 is recommended for use in high performance diesel engines including those fitted with the latest emission controlled systems. Meeting ACEA E6, E9, E7, Volvo VDS-4, Volvo CNG, Daimler (Mercedes) 228.51, MAN M3677, Cummins CES 20081 and other European and American OEM requirements. For use in fleet, agricultural, off-road and construction applications.

FEATURES AND BENEFITS:

- The fully synthetic formulation provides excellent wear protection under arduous conditions and maximum fuel economy through reduced friction. Compatible with SCR and DPF systems.
- Trucksynth EE 5W-30 is designed not only to meet the most stringent OEM specifications but also to provide cost effectiveness through mechanical reliability, long engine life, extended drain periods and optimum fuel economy.
- The viscometric balance provided by the 5W-30 fully synthetic formulation ensures that oil circulates quickly around the engine at cold start-up, and also provides maximum film strength under operating temperatures and conditions. Leading to reduced engine wear and prevention of DPF blocking.
- Low oil consumption and improved fuel economy contributes to improved emission targets as required by modern legislation.

OEM APPROVALS & SPECIFICATIONS:

- ACEA E6 / E7 / E9
- API: CJ-4 / SN
- **MB 228.51** (OEM Approval Pending), MB 228.31, MB 235.28
- **MAN M3677, M3477, M3271-1** (OEM Approvals)
- **Scania LDF-4 & Low Ash** (OEM Approvals Pending)
- Volvo VDS-4, VDS-3, Volvo CNG
- Renault RLD-3, RLD-2, RGD, RXD
- Mack EO-O Premium Plus, EO-N Premium Plus, EO-M Plus
- Deutz DQC IV-10 LA
- Cummins CES 20081
- Caterpillar ECF-3
- JASO DH-2
- Detroit Diesel DDC 93K218
- Voith Retarder Class B
- MTU Type 3.1



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TYPICAL CHARACTERISTICS:

SAE Viscosity Grade	5W-30
Specific Gravity @ 15°C	0.856
Kinematic Viscosity @ 100°C	11.8cSt
Kinematic Viscosity @ 40°C	70.5cSt
Viscosity Index	164
Pour Point °C	-42
Flashpoint °C	>220
Cold Crank Viscosity @ -30°C	6,600Cp max
TBN mg KOH/gm	10.0
Sulphated ash %	0.987

STORAGE:

All packages should be stored indoors at ambient temperatures in a well ventilated area. Keep containers tightly closed when not in use. Where storing outside is unavoidable barrels should be laid horizontally to avoid water ingress and to protect the product labelling and marking. Clean up any spilled material immediately. Take all necessary precautions against accidental spillage into soil or water.

HEALTH AND SAFETY AND ENVIRONMENT:

Health and Safety and Environmental information is provided for this product in Millers Oils Material Safety Data Sheet 7745. This gives details of any potential hazards, necessary precautions, first aid measures, environmental effects and disposal procedures.

All information relates only to the specific products designated herewith and may not be valid for this material if used in conjunction with any other materials or in any other process.



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