



**MILLERS OILS**

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**PRODUCT DATA SHEET**  
**COMMERCIAL**  
**VEHICLE**



COMMERCIAL VEHICLE



DATA SHEET NO: 7825

**PRODUCT NAME/VISCOSITIES:**

**TRUCKMASTER EE 10w40**

**DESCRIPTION:**

A high quality, low friction, fuel efficient engine oil. Part of the Millers Oils NANODRIVE Low Friction Technology range. Formulated to meet the requirements of Scania LDF-3, Daimler-Chrysler (Mercedes) 228.5 specification and enhanced lubrication for other diesel engines requiring this level of performance with the added benefits of reduced friction, improved fuel economy and a reduction in overall running costs.

**APPLICATION:**

Truckmaster EE 10w40 is especially suitable where long and extended oil drain intervals are required as part of the vehicle maintenance scheduling. The Millers Oils NANODRIVE Low Friction Technology adds further economical benefits. It is often used in conjunction with the Millers Oils Oil Analysis System to monitor oil condition throughout the drain interval.

**FEATURES AND BENEFITS:**

The Millers Oils NANODRIVE Low Friction Technology provides the following benefits:

- A reduction in friction of up to 16% providing a reduction in wear of 31% compared to other standard 10w40 grades of this specification.
- The coefficient of friction reduces rapidly as the engine temperature rises, maximising fuel economy, and reduces emissions accordingly.
- Protects against wear, extending engine component life.
- Overall running costs are reduced through lower fuel consumption and longer component life.
- The high TBN (Total Base Number) provides double the protection against acid build up and corrosive wear throughout the drain period.
- The combination of premium grade base oils, viscosity index improvers and the performance additive package has provided an engine oil of outstanding capability.

**SPECIFICATIONS:**

- |                                |                    |
|--------------------------------|--------------------|
| • ACEA E4, E7-12               | Cummins 20072      |
| • API CF                       | MTU Type 3         |
| • Scania LDF-3, LDF-2          | DAF Extended Drain |
| • MB 228.5                     | Deutz DQC 111-10   |
| • MAN M3277                    | Voith Class A      |
| • Volvo VDS-3                  | ZF 04C             |
| • Renault RXD, RLD, RD-2, RLD2 |                    |

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**TYPICAL CHARACTERISTICS:**

SAE Viscosity Grade	10w40
Specific Gravity @ 15°C	0.864
Kinematic Viscosity @ 100°C	13.14cSt
Kinematic Viscosity @ 40°C	86.11cSt
Viscosity Index	153
Pour Point °C	<-39
Flashpoint °C	>200
Cold Crank Viscosity @ -25°C	7,000cP max

TBN mg KOH/gm	15.9
Sulphated ash %	1.9

**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 Environment information is provided for this product in Millers Oils Material Safety Data Sheet 7825. 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.

For Technical assistance call +44 (0) 1484 475060 or email [technical@millersoils.co.uk](mailto:technical@millersoils.co.uk)

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