

Technical Data Sheet

Texol Multisyn™ TDX 5W-30 PLUS

Premium performance fuel efficient heavy duty synthetic diesel engine lubricant

Product description

Texol Multisyn™ TDX 5W-30 PLUS is a premium performance fuel efficient synthetic heavy duty diesel engine lubricant. It is designed to deliver improved fuel economy. Texol Multisyn™ TDX 5W-30 PLUS meets the performance requirements of a wide range of latest-generation naturally aspirated and turbocharged four-stroke low-emission diesel engines, legacy diesel power units and gas engines, as well as off highway and construction service.

Texol Multisyn™ TDX 5W-30 PLUS is formulated with a viscosity index improver and super high performance low SAPS additive technologies designed to deliver dependable keep clean dispersancy and detergency performance, oxidation resistance, wear and corrosion protection with effective defoaming agents, in engines meeting Euro VI emissions requirements for Volvo, MAN, Scania, Daimler, DAF and Iveco engines. Texol Multisyn™ TDX 5W-30 PLUS ensures backwards compatibility with legacy engine technology by meeting both full SAPS and lower SAPS specifications where allowed by the OEM. Texol Multisyn™ TDX 5W-30 PLUS is recommended where extended drain intervals are required, meeting all ACEA E4,E6,E7 and E9 claims.

Customer benefits

- Designed to optimise fuel economy performance and maintain engine wear protection
- Developed for use in on-road, off road and construction services, low emissions and older diesel engines, helping reduce inventory costs
- Low viscosity synthetic base oil formulation promotes reliable cold engine starts in sub-zero temperature conditions
- Helps keep piston rings, valves and piston lands clean, offers excellent soot dispersancy and wear control, optimising engine service life
- Promotes low emissions performance and offers extended diesel particulate filter (DPF) life, helping reduce Maintenance downtime
- Optimised additive Technologies with synthetic base stocks help control oxidation, sludge and thickening and extend oil drain intervals

Applications

- Texol Multisyn™ TDX 5W-30 PLUS is a diesel engine lubricant recommended for four-stroke naturally aspirated and turbocharged diesel engines

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- Texol Multisyn™ TDX 5W-30 PLUS is recommended for diesel engines meeting Euro I-V and the newest Euro VI emissions requirements where allowed by the OEM and for use in engines with global after treatment systems. Texol Multisyn™ TDX 5W-30 PLUS has a universal formulation recommended for both low SAPS (ACEA E6 and E9) and high SAPS performance (ACEA E7 and E4).
- Texol Multisyn™ TDX 5W-30 PLUS is suitable for use in older engines as well as today's latest low emission designs. It is formulated for high performance with many fuels including low sulphur and ultra low sulphur diesel fuels, and many bio-fuel formulations. In high sulphur fuels it gives TAN and TBN control equivalent to a high SAPS product.
- Texol Multisyn™ TDX 5W-30 PLUS is recommended for use in many gas engines and in off-highway or construction applications operating in conditions when SAE 5W-30 is recommended

Recommendations may differ between engine manufacturers, so driver manuals and/or dealers should be consulted if in doubt.

Typical Properties

Property (Unit)	TDX 5W-30 PLUS	Method
Density at +15 °C	856	ASTM D4052
Viscosity @40°C, cSt	71.2	ASTM D445
Viscosity @100°C, cSt	12.2	ASTM D445
Viscosity Index	171	ASTM D2270
Flash Point, °C	238	ASTM D92
Pour Point, °C	-45	ASTM D97
Sulphated Ash, %wt	1.00	ASTM D874

TEXOL

Chemical

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Specifications

Multisyn™ TDX 5W-30 PLUS meets:

- ACEA E9, E7, E6, E4
- API CJ-4, CI-4 Plus, CI-4
- Caterpillar ECF-3
- MTU Oil Category 2.1, Oil Category 3.1
- Mack EO-O Premium Plus
- Daimler MB 228.51, 228.31
- Deutz DQC IV-10 LA
- Cummins 20081
- Detroit Diesel DDC93K218
- MAN M3477, M3677, M3271-1, M3575
- Renault VI RLD-2, VI RLD-3
- Scania Low Ash, LDF-4
- Volvo VDS-3, VDS-4

Technical Expertise

Texol experts on Texol Multisyn™ series lubricants are regionally located to respond to your needs. Whether you have a question about products, applications or regulations, Texol offers comprehensive customer and technical service.