



PRODUCT DATA SHEET

HDTO 10W-30 CK4 HEAVY DUTY TRUCK OIL (DPF)

SEMI SYNTHETIC

Product Description

TL-HDTO 10W-30 CK4 SS is a Super High Performance multi-grade diesel engine oil formulated from the perfect matches of synthetic and high quality paraffinic base stocks. TOYO-G HDTO CK-4/SN which is not only ensuring optimum lubricating performance but also allow extended emission after treatment system's life such like DPF (Diesel Particulate Filter) etc.

It is designed to improve resistance to oxidation and corrosion and has high shear stability, thus providing superior engine protection regardless of temperature fluctuation. It is highly recommended for Heavy Duty Trucks with Super-Charger and Turbo-Charger use.

TOYO-G HDTO multi-grade CK series are specially blended to lubricate diesel engines requiring **API CK (CK-4/SN)** performance.

Product Specifications & Performance

ACEA E9-16	Mack EOS-4.5	Detroit Diesel DFS 93K222
API CK-4/SN, CK-4, CJ-4	Renault Truck RDL-4	MB-Approval 228.31 V2016.1
Cummins CES 20086	CAT ECF-3	MTU Type 2.1
Ford WSS-M2C171-F1	Volvo VDS-4.5	Deutz DQC III-10 LA

Benefits

- ✓ Maintains Power and Fuel Economy - Improved oil consumptions.
- ✓ Protect against friction, heat stress, sludge and oxidation.
- ✓ Reduces Maintenance. - New enhanced wear protection.
- ✓ Smooth and Dependable Performance.
- ✓ High Temperature High Shear (HTHS) viscosity which allow better correlate with fuel economy benefits

TYPICAL PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	SAE 10W-30
DENSITY @ 15.6°C, G/ML	ASTM D-4052	0.869
KINEMATIC VISCOSITY		
40 °C mm ² /s (cSt)	ASTM D-445	82
100 °C mm ² /s (cSt)	ASTM D-445	11.9
VISCOSITY INDEX	ASTM D-2270	139
FLASH POINT °C	ASTM D-92	220
POUR POINT °C	ASTM D-97	-34
TBN MG KOH/G	ASTM D-2896	10.3
ASH. SULPHATED % WT.	ASTM D-874	1.00

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Other Information

Safety Data Sheet

Safety data sheet can be requested via website www.toyointernational.com or you may also can get them from your local agent / supplier.

SDS Number: LP09-14

Storage and Handling

This product shall be ideally stored in a cool, dry location in unopened containers. Suggested temperature between 8°C to 28°C (46°F to 82°F) unless otherwise labeled.

Stirring is recommended in order to prevent ingredients from separating.

Shelf Life

With good practicing on storage, the minimum shelf life from the batch number approx. 3 years or 36 months

Condition of the product must in the unopened original container

Available Packing Sizes

Pail	18 liter
Drum	209 liter

Part Number

8696L-0832
8696L-0833

Updated 09.03.2022

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