



# PRODUCT DATA SHEET

## D-TURBO 5W-40 DIESEL ENGINE OIL CK-4 / SN

FULLY SYNTHETIC

### Product Description

TOYO-G D-TURBO 5W-40 is a Super High Performance multi-grade diesel engine oil formulated from the premium fully synthetic base oil. It 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 D-TURBO 5W-40 multi-grade series is specially blended to lubricate diesel engines requiring **API CK (CK-4)** 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 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 5W-40
DENSITY @ 15.6°C, G/ML	ASTM D-4052	0.850
KINEMATIC VISCOSITY		
40 °C mm <sup>2</sup> /s (cSt)	ASTM D-445	102
100 °C mm <sup>2</sup> /s (cSt)	ASTM D-445	14.9
VISCOSITY INDEX	ASTM D-2270	152
FLASH POINT °C	ASTM D-92	>200
POUR POINT °C	ASTM D-97	-46
TBN MG KOH/G	ASTM D-2896	9.70
ASH. SULPHATED % WT.	ASTM D-874	0.99

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Other Information

### Safety Data Sheet

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

SDS Number: LP09-20

### 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. 5 years or 60 months

Condition of the product must in the unopened original container

### Available Packing Sizes

Pail 7 liter

### Part Number

8696L-1286

Updated 10.09.2022

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