

**FUEL ECONOMY  
ENGINE OIL**

# DIESEL DL-1 5W-30

**Complies with JASO DL-1 standards. Trustable,  
environmental friendly product  
suitable for diesel vehicles!**

Conforming to the world's strictest JASO (Japanese Automobile Standard Organization) DL-1 diesel standard, this clean diesel compatible engine oil minimizes DPF (Diesel Particulate Filter) clogging, improves DPF durability, and is environmentally friendly. It has excellent low-temperature starting performance, making it easy to start the engine in extremely cold weather. In addition, it effectively contains excellent base oil, antioxidants, cleaning dispersants, and anti-wear agents, and its high wear reduction performance minimizes loss due to friction in high-torque engines, resulting in very good fuel economy.



Tanikawa Chemical Laboratory

**TCL**®

## DIESEL

FULLY SYNTHETIC

### DL-1 5W-30



Item Code	Package
D0010530	1L×20pcs
D0040530	4L×6pcs
D0200530	20L×1pc
D2000530	200L×1drum



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## ■ Product features

- By minimizing filter clogging of the diesel particulate matter removing device, and preventing rise in exhaust pressure, reduces the load on the engine and filter, and improves prevention of clogging.
- JASO DL-1 standard requires passing of strict fuel saving tests. Fuel efficiency has improved considerably compared to conventional diesel engine oil.
- By excellent cleaning and dispersing performance and improved oxidation stability, oxidation and deterioration of diesel engine oil is effectively suppressed. It also decreases contamination inside the engine and oil filter.
- Complying with the requirement of JASO DL-1 standard for diesel engine of passenger cars. Suitable for Diesel engine cars which are designated to use 5W-30 oil.
- If it is used other than DL-1 designated car, it may cause trouble. Check well the designated oil standard with the instruction manual and then change oil.

## ■ Representative physical properties

Density (15°C)	g/cm <sup>3</sup>	0.8493
Color (ASTM)		L3.0
Flash point (COC)	°C	228
Pour point	°C	-36.0
Viscosity (-30°C)	mPa·s	4,562
Kinematic viscosity (40°C)	mm <sup>2</sup> /s	52.58
Kinematic viscosity (100°C)	mm <sup>2</sup> /s	9.5
Viscosity index		166
Base number (PCA)	mgKOH/g	3.6
Foaming test (Seq II)	ml	0/0

## ■ Specifications

Usage	Engine Oil for 4-Cycle Diesel Engine
Product Line	DIESEL LINE
Product Name	TCL DIESEL LINE Engine Oil 5W-30
Standard	JASO DL-1
Base Oil	Fully Synthetic
Viscosity	5W-30



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