

**FUEL ECONOMY
ENGINE OIL**

DIESEL DL-1 0W-30

**Complies with JASO DL-1 standard.
Improved durability and
environmentally friendly clean diesel compatible!**

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 0W-30



Item Code	Package
D0010030	1L×20pcs
D0040030	4L×6pcs
D0200030	20L×1pc
D2000030	200L×1drum

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Product features

- Minimizes filter clogging in diesel particulate matter removal devices, prevents exhaust pressure buildup, reduces the load on the engine and the filter, and improves clogging prevention. It achieves high cleanliness and excellent heat resistance without compromising DPF performance, and protects the engine with a strong oil film.
- JASO DL-1 standard includes a fuel economy test, and fuel-saving performance is greatly improved compared to normal diesel engine oil. Compared to conventional DL-1 5W-30, it is very superior in fuel-saving performance.
- With its excellent cleaning and dispersing properties and improved oxidation stability, it effectively suppresses the oxidation deterioration of diesel engine oil and also reduces dirt inside the engine and on the oil filter.
- Meets JASO DL-1 light-duty diesel standards and is ideal for diesel engine vehicles that specify a viscosity of 0W-30.
- Facilitates low-temperature starting and reduces battery load in winter.
- In case of using oil for vehicles other than those specified in DL-1 may result in malfunction. Please check the specified oil specifications in the instruction manual before replacing the oil.

Representative physical properties

Density (15°C)	g/cm ³	0.8453
Color (ASTM)		L4.0
Flash point (COC)	°C	226
Pour point	°C	<-47.5
Viscosity (-30°C)	mPa·s	4,980
Kinematic viscosity (40°C)	mm ² /s	50.15
Kinematic viscosity (100°C)	mm ² /s	10.62
Viscosity index		209
Base number (PCA)	mgKOH/g	4.25
Foaming test (Seq II)	ml	10/0

Specifications

Usage	Engine Oil for 4 Cycle Diesel Engine
Product Line	DIESEL LINE
Product Name	TCL DIESEL LINE Engine Oil 0W-30
Standard	JASO DL-1
Base Oil	Fully Synthetic
Viscosity	0W-30



TANIKAWA YUKA KOGYO CO.,LTD.
1-13-11, Yako, Tsurumi-ku, Yokohama, 230-0001, Japan

URL:www.tanikawayuka.co.jp

