



Tanikawa Chemical Laboratory
TCL[®]

ZERO LINE
FULLY SYNTHETIC

Made
in
JAPAN

SP GF-6 5W-30

High-performance and multi-purpose engine oil supporting from fuel-saving drive to sports drive

[Product outline]

Provides excellent lubricating effect and forms strong protection layer inside engine. It contributes to quick response of engine and smooth boost up to the high revolution range. It offers superior performance in various driving conditions such as eco-drive to sports-drive. This oil is equipped with cleaning and dispersing performance, endurance, heat resistance, anti-friction performance which meet the requirements of current highest API standard "SP". High versatility oil for multipurpose.

[Product features]

- Realizes a quick engine response without stress, from low revolution to high revolution, and provides pleasant drive-feeling.
- Thin and tough oil film effect always protects the metal in the engine and prevents it from being burn.
- By superior "high-temperature oxidation stability", reliably protects the engines, even those which produce high temperature such as cars with Turbo or Supercharger.
- With excellent shear stability, prevents deterioration of oil performance for a long time, even at the usage under high revolution.
- Superior Low-Temperature Fluidity makes it easier to start the engine in cold conditions, and protects the engine from "dry start".
- Suppresses LSPI (Low Speed Pre-Ignition) and Timing Chain Wear, and improves piston cleanliness and fuel economy.
- Complying with the requirements of "API SP Resource Conserving" and "ILSAC GF-6" ("Starburst" Certification Mark). Suitable for Gasoline engine cars which are designated to use 5W-30 oil.

[Specifications]

Usage	Engine Oil for 4-Cycle Gasoline Engine
Product Line	ZERO LINE
Product Name	TCL ZERO LINE Engine Oil 5W-30
Standard	API SP / ILSAC GF-6
Base Oil	Fully Synthetic
Viscosity	5W-30

[Representative physical properties]

Density (15°C)	g/cm ³	0.8504
Color (ASTM)		L3.0
Flash point (COC)	°C	244
Pour point	°C	-35.0
Viscosity (-30°C)	mPa·s	5,820
Kinetic viscosity (40°C)	mm ² /s	59.59
Kinetic viscosity (100°C)	mm ² /s	10.16
Viscosity index		159
Base number (PCA)	mgKOH/g	5.94
Foaming test (SeqII)	ml	0/0

Item Code	Packing
Z0010530SP	1L x 20 pcs
Z0040530SP	4L x 6 pcs
Z0200530SP	20L x 1 pc