

**FUEL ECONOMY
ENGINE OIL**

ZERO LINE SP GF-6 5W-30

**The most popular item! The standard!
Suitable for hybrids
and vehicles requiring low viscosity oil.**

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.



Tanikawa Chemical Laboratory

TCL®

ZERO LINE FULLY SYNTHETIC SP GF-6 5W-30



Item Code	Package
Z0010530SP	1L×20pcs
Z0040530SP	4L×6pcs
Z0200530SP	20L×1pc
Z2000530SP	200L×1drum

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■ 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.

■ Representative physical properties

Density (15°C)	g/cm ³	0.8487
Color (ASTM)		L2.0
Flash point (COC)	°C	244
Pour point	°C	-36.0
Viscosity (-35°C)	mPa·s	4,889
Kinematic viscosity (40°C)	mm ² /s	52.16
Kinematic viscosity (100°C)	mm ² /s	9.789
Viscosity index		161
Base number (PCA)	mgKOH/g	7.1
Foaming test (Seq II)	ml	0/0

■ 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



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