

**FUEL ECONOMY  
ENGINE OIL**

# ZERO LINE SP GF-6 0W-30

## Protects the engine with excellent engine starting performance and quick low-temperature fluidity!

Blending the latest base oil with low volatility PAO (poly alpha olefin) enables excellent low temperature fluidity and strong oil film retention at high temperature.

Suitable for the latest European and American cars, and Japanese cars which are designed to use low viscosity oil, for sports driving and high mileage cars.

This oil satisfies the requirements of API's current highest standard "SP", and is equipped with detergency and dispersion performance, durability and heat resistance performance, and anti-friction performance. Versatile and high-performance engine oil.



Tanikawa Chemical Laboratory

**TCL**®

## ZERO LINE FULLY SYNTHETIC SP GF-6 0W-30



Item Code	Package
Z0010030SP	1L × 20pcs
Z0040030SP	4L × 6pcs
Z0200030SP	20L × 1pc
Z2000030SP	200L × 1drum



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## Product features

- Fine fluidity at low temperature (low pour point) enables smooth engine start even in cold winter, and it protects engine.
- Realizes a quick engine response without stress, from low revolution to high revolution, and provides pleasant drive-feeling.
- Provides strong oil-film performance even at high temperature, and antioxidant performance prevents the rise of viscosity. Friction loss is reduced to contributes to fuel saving and comfortable driving.
- By superior "high-temperature oxidation stability", reliably protects the engines, even those which produce high temperatures such as cars with Turbo or Supercharger.
- Suppresses LSPI (Low Speed Pre-Ignition) and Timing Chain Wear, and improves piston cleanliness and fuel economy.
- Compliant 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 low viscosity oils.

## Representative physical properties

Density (15°C)	g/cm <sup>3</sup>	0.8446
Color (ASTM)		L3.0
Flash point (COC)	°C	232
Pour point	°C	-40.0
Viscosity (-35°C)	mPa·s	5,690
Kinematic viscosity (40°C)	mm <sup>2</sup> /s	53.56
Kinematic viscosity (100°C)	mm <sup>2</sup> /s	9.907
Viscosity index		174
Base number (PCA)	mgKOH/g	5.94
Foaming test (Seq II)	ml	30/0

## Specifications

Usage	Engine Oil for 4-Cycle Gasoline Engine
Product Line	ZERO LINE
Product Name	TCL ZERO LINE Engine Oil 0W-30
Standard	API SP / ILSAC GF-6
Base Oil	Fully Synthetic+PAO
Viscosity	0W-30



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