

**FUEL ECONOMY
ENGINE OIL**

ZERO LINE SP GF-6 0W-20

Stable fuel economy! Suitable for hybrids and vehicles requiring low viscosity oil.

The excellent low-temperature fluidity enables smooth engine start even at temperature -45°C and protects engine from "Dry start".
And suppresses "Friction Loss" and contributes to fuel economy from immediately after engine starts. This oil is equipped with cleaning and dispersing performance, endurance, heat resistance, anti-friction performance which is at the highest level of API standard. It is suitable for cars which are recommended to use low viscosity oil, and hybrid cars.



Tanikawa Chemical Laboratory

TCL®

ZERO LINE FULLY SYNTHETIC SP GF-6 0W-20



Item Code	Package
Z0010020SP	1L × 20pcs
Z0040020SP	4L × 6pcs
Z0200020SP	20L × 1pc
Z2000020SP	200L × 1drum

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FULLY SYNTHETIC
SP GF-6 0W-20

Product features

- Fine fluidity at low temperature (low pour point) enables smooth engine start even in cold winter, and it protects engine.
- By excellent cleaning and dispersing performance, contaminants such as sludge and moisture due to dew condensation which are tend to occur at cold temperature are taken into the oil, and prevents their attaching to metal inside engine.
- Provides strong oil-film performance even at high temperature, and by antioxidant performance prevents the rise of viscosity. It suppresses friction loss and contributes to fuel saving and comfortable driving.
- 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 0W-20 oil.

Representative physical properties

Density (15°C)	g/cm ³	0.8462
Color (ASTM)		2.0
Flash point (COC)	°C	224
Pour point	°C	-42.0
Viscosity (-35°C)	mPa·s	5,785
Kinematic viscosity (40°C)	mm ² /s	43.41
Kinematic viscosity (100°C)	mm ² /s	8,196
Viscosity index		166
Base number (PCA)	mgKOH/g	7.2
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 0W-20
Standard	API SP / ILSAC GF-6
Base Oil	Fully Synthetic
Viscosity	0W-20



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