



Tanikawa Chemical Laboratory  
**TCL** **HIGH LINE**  
FULLY SYNTHETIC

Made  
in  
JAPAN

# SP/CF 5W-40

High-performance engine oil suitable for big bore engine, turbo engine, high-revolution engine, high-torque engine

### [Product outline]

By multi applicable viscosity and excellent resistance against oxidation caused by heat, this oil protects engines, especially engines which tend to produce high temperature such as big bore engine, turbo engine, high-revolution engine, high-torque engine. Good performance of engine protection offers comfortable driving in any conditions, even under long time high speed drive, aggressive drive, etc. 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".

### [Product features]

- Exerts excellent Thermal oxidation stability even under the driving condition which is always exposed to hot temperature, especially for big bore engine, high-revolution/high-torque engine such as turbo and DOHC. Securely protects the engine.
- Even in Circuit running or continuous high-speed operation, suppresses power-down by overheating and viscosity change to provide powerful driving.
- With superior cleaning and dispersing performance, suppresses the generation of sludge and varnish, disperses contaminants into oil, and always keeps clean the inside of the engine to maintain the original performance of the engine.
- Excellent wear resistance prevents metal friction of high revolution engine, and prolongs the life of engine.
- Improves engine startability in cold temperature, and reduces the load on the battery in winter season.

### [Specifications]

Usage	Engine Oil for 4-Cycle Gasoline Engine
Product Line	HIGH LINE
Product Name	TCL HIGH LINE Engine Oil 5W-40
Standard	API SP
Base Oil	Fully Synthetic
Viscosity	5W-40

### [Representative physical properties]

Density (15°C)	g/cm <sup>3</sup>	0.8496
Color (ASTM)		L3.0
Flash point (COC)	°C	236
Pour point	°C	-35.0
Viscosity (-30°C)	mPa·s	6,030
Kinetic viscosity (40°C)	mm <sup>2</sup> /s	80.07
Kinetic viscosity (100°C)	mm <sup>2</sup> /s	13.25
Viscosity index		168
Base number (PCA)	mgKOH/g	5.94
Foaming test (SeqII)	ml	0/0

Item Code	Packing
H0010540SP	1L x 20 pcs
H0040540SP	4L x 6 pcs
H0200540SP	20L x 1 pc