

**HIGH PERFORMANCE
ENGINE OIL**

EURO LINE A3/B4 5W-40

**ACEA standard designation,
suitable for high-performance,
high-output luxury European cars!**

Acquired ACEA A3/B4 standard and recommend for gasoline and diesel vehicles designated for European imports. Excellent durability and wear resistance even under high temperature and high load conditions. Not only has it acquired the ACEA A3/B4 standard, but it also has API standard SP, so it has excellent oil evaporation, engine protection, and long life performance required for the latest engine oils.



Tanikawa Chemical Laboratory

TCL®

EURO LINE

FULLY SYNTHETIC

A3/B4 5W-40



Item Code	Package
E0010540A3B4	1L×20pcs
E0040540A3B4	4L×6pcs
E0200540A3B4	20L×1pc
E2000540A3B4	200L×1drum

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Product features

- Mixing fully synthetic base oil and high performance additives provide stable oil film properties from low to high RPM ranges, with emphasis on engine durability, and protecting the engine from high temperatures and oxidation.
- ACEA A3/B4 standard oils use the finest base oils and incorporate high-performance viscosity index improvers (which reduce viscosity loss) and detergent dispersants (which enhance durability), placing emphasis on long life and engine protection.
- Suppresses engine sludge, keeps the inside of the engine clean, and prevents the decline in engine performance.
- Suitable for eco-friendly gasoline vehicles and European standard clean diesel vehicles. Also suitable for high-output engines, sports cars and turbocharged vehicles.
- Provides smooth engine performance even at low temperatures, and protects the engine even in Japan's road conditions where short trips and short distances are common. It protects the engine of high-mileage vehicles and older models for long period with excellent heat resistance and engine protection performance.
- With excellent detergency, high-temperature oxidation stability, and shear stability, it protects the engine even under harsh driving conditions such as in high-output vehicles, turbocharged vehicles, and sports cars, and maximizes the engine's original performance.
- Cannot be used in vehicles designated "A5/B5" and "A7/B7" under ACEA standard due to differences in HTHS viscosity.

Representative physical properties

Density (15°C)	g/cm ³	0.8531
Color (ASTM)		L3.0
Flash point (COC)	°C	228
Pour point	°C	-37.5
Viscosity (-30°C)	mPa·s	5,730
Kinematic viscosity (40°C)	mm ² /s	82.92
Kinematic viscosity (100°C)	mm ² /s	13.90
Viscosity index		173
Base number (PCA)	mgKOH/g	10.9
Foaming test (Seq II)	ml	0/0

Characteristics list

Usage	Gasoline・Diesel engine oil for European cars
Product Line	EURO LINE
Product Name	TCL ENGINE OIL EURO LINE ACEA A3/B4 SP 5W-40
Standard	ACEAA3/B4 API SP
Base Oil	Fully Synthetic
Viscosity	5W-40



TANIKAWA YUKA KOGYO CO.,LTD.
1-13-11, Yako, Tsurumi-ku, Yokohama, 230-0001, Japan

URL:www.tanikawayuka.co.jp

