

PRODUCT DESCRIPTION

Hyper Ecodrive 0W-40 is an advanced fully synthetic engine oil formulated to meet the latest API SQ specifications. Developed for high-performance gasoline engines of vehicle model year 2026, including turbocharged and gasoline direct injection (GDI/TGDI) technologies. Formulated with PAO for an excellent lubrication to unlock your engine's optimum driving performance. Its wide temperature capability ensures reliable cold-start protection, stable performance and superior durability under extreme operating conditions, making it ideal for use modern gasoline engines. It guarantees enhanced protection against low-speed pre-ignition (LSPI) occurrences and better timing chain wear protection for efficient engine reliability.



Hyper Ecodrive 0W-40 is enhanced with unique anti-friction technology, ZFM™ (Zero Friction Molecular), to considerably reduce friction and wear of highly loaded engine parts that are exposed to intensive duty cycles and high operating temperatures. Strong oil film strength and superior viscosity retention to ensure excellent wear protection in performance engines operating in severe driving conditions.

APPLICATION

Recommended for all types of gasoline fueled engines requiring a viscosity grade of SAE 0W-40 API SQ engine oil. For passenger cars, vans, CUVs, SUVs and other vehicles fitted with recent gasoline engines. Suitable for naturally aspirated and turbocharged gasoline engines, including TGDI, multi-valve, and high-output designs. Helps protect engines operating on E85 fuels.

Backward compatible to API SP, API SN PLUS and older.

WARRANTY

Hyper Ecodrive 0W-40 meets or exceeds the OEM's warranty requirements of gasoline vehicles where API SQ oil is required. TOTACHI® guarantees full compliance on the written specifications indicated on product labels.

CUSTOMER BENEFITS

- **Efficient Engine Performance**
Resistance to oil degradation for maintained protection during oil service life. The active components ensure both high engine performance and protection against deposits and wear.
- **Enhanced Engine Durability**
Better protection against low-speed pre-ignition (LSPI) and severe engine knock throughout the oil drain interval to ensure engine reliability under extreme operating conditions.
- **Maximized Oil Drain Interval**
Offers superior deposit and oxidation control, delivering long-lasting protection that helps maintain peak engine performance and reliability over extended service periods.
- **All Season Versatility**
Provides excellent low-temperature fluidity for quick cold starts and strong film strength at high operating temperatures.
- **Compatibility with ECS (Emission Control System)**
Low sulfated ash content to improve gasoline particulate filter (GPF) efficiency and reduce the risk of engine power loss. Contributes to the extended service life of emission aftertreatment devices, ensuring cleaner operation and sustained compliance with regulatory standards.



MEETS SPECIFICATIONS & REQUIREMENTS OF:

- API SQ

Suitable for use in various Asian and American OEMs such as NISSAN, INFINITI, HONDA, ACURA, UAZ, LADA, FIAT, FORD, CHRYSLER, HYUNDAI, KIA, GENESIS, RAVON, DAEWOO, HAVAL, BRILLIANCE, DONGFENG, LUXGEN, BYD, FAW, HAVAL, CHANGAN, GEELY, JAC, CHERY, GREAT WALL, LIFAN and other OEMs requiring a SAE 0W-40, API SQ oil.

Before using this product, ensure it is consistent with OEM's recommendations for the equipment operating conditions and customer's maintenance practices.

TYPICAL TEST DATA

CHARACTERISTICS	UNITS	VALUES	STANDARDS
SAE Grade	-	0W-40	SAE J300
Kinematic viscosity at:			
40 °C	cSt	80.89	ASTM D445
100 °C	cSt	14.40	ASTM D445
Viscosity index	-	181	ASTM D2270
Cranking viscosity at -35°C	mPa-s	5391	ASTM D5293
Color	-	L2.0	ASTM D1500
Flash point	°C	226	ASTM D92
Pour point	°C	-42	ASTM D6892
Density at 30 °C	kg/L	0.8436	ASTM D4052
Total Base Number	mg KOH/g	7.8	ASTM D2896

STORAGE AND HANDLING GUIDELINES

- Avoid exposing products to direct sunlight.
- Store in cool and dry places. Avoid exposing products to moisture.
- It is highly recommended to store drums indoors or under cover on pallets and racks.

HEALTH, SAFETY & ENVIRONMENT PROTECTION

Information on health, safety and environment protection is described in the product Safety Data Sheet (SDS). The SDS file contains details on potential hazards, precautions and first aid measures, as well as information on environmental impact and disposal of used products.

TOTACHI INDUSTRIAL CO. LTD. disclaims any liability in case the product is used with violation of these instructions and warnings or it is not used for its intended purpose. Before using product other than intended, consult your local TOTACHI® distributor.