

PRODUCT DESCRIPTION

Hyper Ecodrive 5W-40 is an advanced fully synthetic engine oil formulated to meet the latest API SQ specifications of modern gasoline engines for the model year 2026 vehicles. Developed for turbocharged gasoline direct injection (TGDI) engines and vehicles equipped with emission control systems. The well-balanced formulation and premium components deliver exceptional wear protection and long-lasting performance. Enhanced protection against low-speed pre-ignition (LSPI) and timing chain wear to ensure extended engine durability. Outstanding low temperature pumpability to support fuel efficiency. Improved piston cleanliness to control sludge and deposits buildup even at severe operating conditions.



Hyper Ecodrive 5W-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. Effectively prevents deposits and sludge build up to prolong engine life. Maintains engine peak performance and efficiency where “Stop-Start” modes are typical.

APPLICATION


Recommended for all types of gasoline fueled engines requiring a viscosity grade of SAE 5W-40 API SQ engine oil. For passenger cars, vans, CUVs, SUVs, light duty trucks and other vehicles fitted with recent gasoline engines. Helps protect engines operating on E85 fuels.

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

WARRANTY

Hyper Ecodrive 5W-40 meets or exceeds the OEM's warranty requirements of gasoline vehicles where API SQ is required. TOTACHI® guarantees full compliance on the written specifications indicated on product labels.

CUSTOMER BENEFITS

- **Optimized Oil Drain Intervals**
Advanced formulation to prevent premature oil degradation which ensures engine protection and performance over longer operating hours.
- **Superior Engine Durability**
Strong oil film strength to provide outstanding wear protection and guarantee reliability in modern downsized engines.
- **Enhanced Engine Protection**
It demonstrates better resistance against premature engine knocks than API SP oils. Resists LSPI over the duration of oil service. 
- **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 Japanese, American, Korean, Chinese, Russian OEMs requiring a 5W-40 API SQ engine 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	-	5W-40	SAE J300
Kinematic viscosity at:			
40 °C	cSt	81.87	ASTM D445
100 °C	cSt	13.56	ASTM D445
Viscosity index	-	169	ASTM D2270
Cranking viscosity at -30°C	mPa-s	5665	ASTM D5293
Color	-	2.0	ASTM D1500
Flash point	°C	222	ASTM D92
Pour point	°C	-42	ASTM D6892
Density at 30 °C	kg/L	0.8401	ASTM D4052
Total Base Number	mg KOH/g	7.10	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.