

### PRODUCT DESCRIPTION

Hyper Ecodrive 5W-20 is an advanced fully synthetic resource conserving engine oil that complies with the latest API SQ and ILSAC GF-7A specifications, delivering superior performance for modern gasoline engines of 2026 model year vehicles. It is formulated to optimize fuel efficiency, robust engine durability, and advanced emission system compatibility while maintaining extended oil drain capability. It delivers exceptional fuel efficiency, enhanced protection against low-speed pre-ignition (LSPI) for improved reliability, superior piston cleanliness, minimized deposits and reduced oil oxidation for engine integrity under high-temperature conditions, and a tighter timing chain wear protection to ensure longer engine durability.



Hyper Ecodrive 5W-20 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. Outstanding oxidation stability and deposit control maintain engine cleanliness and protect against wear, supporting longer drain intervals.

### APPLICATION

Recommended for all types of gasoline fueled engines requiring a viscosity grade of SAE 5W-20 API SQ, ILSAC GF-7A, Resource Conserving engine oil. For passenger cars, vans, CUVs, SUVs, light duty trucks and other vehicles fitted with recent gasoline engines.

Fully backward compatible with older gasoline engines, offering diverse fleets and drivers a single oil that unites cutting-edge technology with proven dependability.

Compatible with vehicles requiring ILSAC GF-6A, API SP, API SN PLUS and older.

### WARRANTY

Hyper Ecodrive 5W-20 meets or exceeds the OEM's warranty requirements of gasoline vehicles where API SQ and ILSAC GF-7A oil is required. TOTACHI® guarantees full compliance on the written specifications indicated on product labels.

### CUSTOMER BENEFITS

- **Optimized Fuel Efficiency**  
Meets tightened ILSAC GF-7A fuel economy limits by delivering approximately 0.5-2% fuel savings compared to GF-6A oils.
- **Superior Engine Durability**  
Provides advanced low-speed pre-ignition (LSPI) protection for TGDI engines and superior timing chain wear resistance, ensuring long-term performance and safety.
- **Optimum Oil Drain Interval**  
Prevents premature ageing of oil to balance engine cleanliness and powerful performance before the next oil change.
- **Hybrid Compatible**  
Designed to withstand extreme levels of water and fuel contamination, enhanced with a chemical composition that prevents corrosion and rust, helping to preserve vital engine parts.
- **Enhanced Thermal Stability**  
More resistance to thermal breakdown, which helps resist engine oil breakdown and keep engine oil fresh longer. Helps maximize engine power while maintaining fuel efficiency and cleanliness.
- **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
- ILSAC GF-7A
- Resource Conserving
- FORD WSS-M2C970-A1
- FORD WSS-M2C960-A1
- FORD WSS-M2C945-B1
- CHRYSLER MS-6395
- FIAT 9.55535-CR1
- GM Dexos 1

Suitable for use in various OEMs such as TOYOTA, LEXUS, DAIHATSU, NISSAN, HONDA, MITSUBISHI, MAZDA, SUBARU, SUZUKI, ISUZU, FORD, DODGE, JEEP, RAM, CHRYSLER, HYUNDAI, KIA, ACURA, CHEVROLET, INFINITI, FIAT, Hybrid gasoline engines and other OEMs requiring a SAE 5W-20, API SQ, Resource Conserving and ILSAC GF-7A.

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-20	SAE J300
Kinematic viscosity at:			
40 °C	cSt	46.36	ASTM D445
100 °C	cSt	8.16	ASTM D445
Viscosity index	-	151	ASTM D2270
Cranking viscosity at -30°C	mPa-s	4939	ASTM D5293
Color	-	L2.0	ASTM D1500
Flash point	°C	222	ASTM D92
Pour point	°C	-39	ASTM D6892
Density at 30 °C	kg/L	0.8399	ASTM D4052
Total Base Number	mg KOH/g	7.22	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.