

### PRODUCT DESCRIPTION

Pro Touring M 5W-40 is a high-performance full SAPS shear stable fully synthetic engine oil formulated for modern gasoline and light duty diesel engines. Suitable for use in TGDI, CRDi (Hyundai, Kia), CDI or CRD(Mercedes), CDTi (FIAT) engines. Complies with the latest emission regulations of Euro VI. Excellent cleaning power, soot control capabilities and high oil film strength to perfectly lubricate and protect the engines in all driving conditions. Low volatility properties reduce oil consumption and guarantee optimum engine lubrication in extended oil drain intervals.



Pro Touring M 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. High thermal stability to keep the oil properties to its optimum state even at higher temperatures.

### APPLICATION

Recommended for all types of gasoline and light duty diesel engines that are not equipped with Gasoline Particulate Filters (GPF) and Diesel Particulate Filters (DPF). For high performance, turbocharged and direct injection vehicles running from mild to extreme operating conditions. Applicable for use in European vehicles requiring ACEA A3/B4 and various vehicles requiring API SN lubricants.

Suitable for use in all types of fuels.

### WARRANTY

Pro Touring M 5W-40 meets or exceeds the OEM's warranty requirements of gasoline and diesel vehicles where API SN or ACEA A3/B4 oil is required. TOTACHI® guarantees full compliance on the written specifications indicated on product labels.

### CUSTOMER BENEFITS

- **Outstanding Engine Cleanliness**  
Advanced chemical components that prevent soot formation and premature oil thickening even at elevated temperatures, keeping engines in a clean state.
- **Maximum Engine Power**  
Excellent resistance to oil degradation for a guaranteed performance, power, and complete protection in extreme driving conditions throughout the oil service life.
- **Low Oil Consumption**  
Low evaporation for lesser engine oil top up.
- **Extends Engine Life**  
Highly shear stable and high oxidation control to protect the engine operating under extreme pressure in variety of driving conditions.



### MEETS SPECIFICATIONS & REQUIREMENTS OF:

- API SN
- ACEA A3/B4
- MB 229.3
- PORSCHE A40
- VW 502 00 / 505 00
- RENAULT RN0700 / 0710
- PSA B71 2296
- HYUNDAI/KIA
- FIAT

Suitable for use in Mercedes Benz, Porsche, Volkswagen, Peugeot, Renault, PSA, Toyota, Nissan, Mitsubishi, Seat, and in various European, Asian, American, Russian vehicles requiring a 5W-40 ACEA A3/B4, API SN engine oil. Provides high level of protection and performance in demanding driving conditions.

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	85.27	ASTM D445
100 °C	cSt	14.09	ASTM D445
Viscosity index	-	171	ASTM D2270
Cranking viscosity at -30°C	mPa-s	5999	ASTM D5293
Color	-	L3.0	ASTM D1500
Flash point	°C	238	ASTM D92
Pour point	°C	-42	ASTM D6892
Density at 30 °C	kg/L	0.8435	ASTM D4052
Total Base Number	mg KOH/g	11.1	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<sup>®</sup> distributor.