



**MICHI**  
PREMIUM MOTOR OIL



# MICHI OPTIMAL 5W-30 A3/B4

Semi-synthetic motor oil

## DESCRIPTION



Semi-synthetic, full-ash motor oil. Formulated to meet engine protection requirements set by leading European manufacturers such as Volkswagen Group, Mercedes-Benz, Renault, and others. The oil is resistant to various fuel qualities and is recommended for a wide range of engines operating under demanding conditions.

## RECOMMENDED FOR



- API SL/CF
- ACEA A3/B4
- RN 0710/0700
- VW 502 00/505 00
- MB 229.3

## APPLICATION



Gasoline and diesel engines in passenger cars, SUVs, and light vans without diesel particulate filters (DPF), where oils meeting API SL and ACEA A3/B4 (and lower) specifications are recommended. Suitable for use in European engines, including high-performance models equipped with turbochargers and direct injection. This oil ensures safe and reliable operation under extended oil change intervals and harsh conditions.

## FEATURES & BENEFITS



- Excellent engine protection against deposits and helps keep internal surfaces clean
- Provides superior wear and corrosion protection
- The oil's strong detergency and neutralizing capacity help protect it against oxidation
- Low viscosity at negative temperatures ensures reliable starting and operation of the vehicle in cold climates
- The product's formulation and high-quality raw materials give the oil an optimal balance of low- and high-temperature performance, ensuring stable viscosity under all operating conditions

## TYPICAL CHARACTERISTICS



PROPERTIES	METHOD	VALUE
Density at 15°C, kg/m <sup>3</sup>	ASTM D4052	858
Kinematic Viscosity at 100°C, cSt	ASTM D445	12.2
Viscosity Index	ASTM D2270	175
CCS Viscosity -30.°C, cP	ASTM D5293	5760
Pour Point, °C	ASTM D2896	-43
TBN, mg KOH/g	ASTM D 5800	11.4
Evaporation Loss NOACK, %	ASTM D92	9.7
Flash Point, °C	ASTM D97	230
Sulphated Ash, %	ASTM D874	1.17

The properties listed are typical for the product currently in production. Due to ongoing research and development, the information provided in this document is subject to change.