



## NATIONAL | Full Synthetic EURO SAE 5W-40 Engine Oil

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### Product Description

National Full Synthetic EURO SAE 5W-40 engine oil is formulated with advanced additive technology and synthetic base stocks. It delivers excellent oxidation and fuel efficiency for the latest and legacy vehicles, providing excellent wear protection, outstanding resistance to viscosity and thermal breakdown at high temperatures, protects against rust and bearing corrosion and low volatility for reduced oil consumption.

National Full Synthetic EURO SAE 5W-40 motor oil meets or exceeds a wide range of North American and European performance requirements. It is recommended for use in passenger cars, light trucks, Suitable for older diesel vehicles without DPF, and sports utility vehicles under all driving conditions. It is particularly recommended for use in European vehicles such as BMW, Mercedes-Benz, Porsche, and Volkswagen.

### Industry and OEM Applications <sup>1</sup>

- ◆ API **SP**, SN Plus
- ◆ API CF (now obsolete)
- ◆ Meets or exceeds engine requirements for:
  - ACEA A3/B4
  - BMW Longlife – 01
  - MB 229.3, 229.5, 226.5
  - Porsche A40
  - PSA B71 2296
  - Renault RN0700, RN0710
  - VW 502 00, 505 00
  - GM-LL-B-025

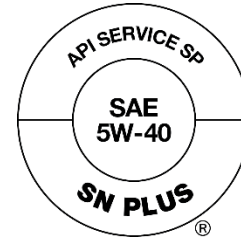
### Features

- ✓ Suitable for older diesel vehicles without DPF and new or older gasoline vehicles without GPF
- ✓ Greater neutralization capacity for higher Sulfur fuel – keeping engines cleaner for longer
- ✓ Highest performance delivering LSPI performance for GDI engines without particulate filters
- ✓ Formulated for the future, delivering excellent oxidation and fuel efficiency for latest and legacy vehicles
- ✓ Long engine life due to extremely fast lubrication during starting, and outstanding wear protection during all other engine operating conditions.



## Technical Data

SAE GRADE		5W-40
Product Number		07-195540
SDS Number		S169
Viscosity @ 100°C, cSt	D445	13.36
Viscosity @ 40°C, cSt	D445	80.88
Viscosity Index	D2770	168
Specific Gravity at 60°F	D4052	0.8538
Pour Point, °C	D5950	-42
Color ASTM	D1500	3.5
CCS @ -30°C, cP	D5293	6,022
Flash Point COC, °C	D92	200
TBN	D2896	12.3
HTHS @ 150°C, mPa s	D4683	3.6
Noack, %m	D5800	10.0



*Always follow your operator's manual for recommended viscosity grade and API service classification*

*The recommended shelf life for these oils is typically 60 months from manufacturing date when stored properly in the original sealed containers.*

The product described above is designed for a specific use and may not be valid for other uses not specified in our specification sheet or in applications not requiring this specific product. Pinnacle Oil believes the information presented in this specification is accurate at the time written and is based upon internally generated information and information as presented by its vendors. No representation, warranty, or guarantee is made as to its accuracy or completeness. We do not accept any liability for any loss or damage that may occur from the use of this information.

