



PRODUCT DATA SHEET

NATIONAL HIGH MILEAGE MOTOR OILS

Specially formulated for vehicles with over 75,000 miles

PRODUCT DESCRIPTION

NATIONAL HIGH MILEAGE motor oils are formulated with selected Group II base stocks and a unique combination of special conditioning agents and additives. This helps keep the engines running clean and prevents seals from leaking; reducing reduces the oil consumption that is typical of older, worn engines.

NATIONAL HIGH MILEAGE motor oils provide an excellent protection against sludge, engine rust and corrosion. It also resists oil thickening by providing enhanced oxidation control under severe service conditions and low temperature operating conditions.

INDUSTRY AND OEM SPECIFICATIONS

- ◆ API SN, SN Plus and prior
- ◆ Resource Conserving, ILSAC GF-5¹

APPLICATIONS

High mileage engines – those with more than 75,000 miles – face a number of potential problems that high mileage oil is specifically formulated to address. NATIONAL HIGH MILEAGE motor oils, contain engine oil additives and conditioners that help to combat: oil consumption, sludge formation and engine wear.

D1360519

5009 WEST 81ST STREET | INDIANAPOLIS | INDIANA | 46268 | 800-829-8899 | FAX 317-875-0889

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 that 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.



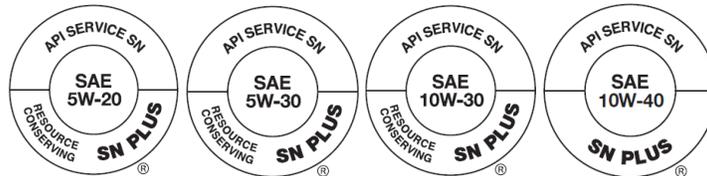
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FEATURES

- ✓ Formulated to protect emissions control system catalysts
- ✓ Superior dispersancy that fights sludge build-up
- ✓ Contains seal conditioners to help reduce leaks
- ✓ Excellent fuel economy
- ✓ Good low temperature pumpability for protection during cold starts
- ✓ Available in four multi grade viscosities²

TECHNICAL DATA

(typical values)



SAE GRADE		5W-20	5W-30	10W-30	10W-40
Product Number		07-392525	07-392535	07-392115	07-115104
SDS Number		S136	S136	S136	S136
Viscosity @ 100°C, cSt	D445	8.56	10.89	10.55	14.95
Viscosity @ 40°C, cSt	D445	50.66	65.43	65.23	99.57
Viscosity Index	D2770	146	158	151	157
Specific Gravity at 60°F	D4052	0.8567	0.8570	0.8605	0.8648
Pour Point, °C	D5950	-42	-42	-42	-45
Color ASTM	D1500	L3.0	L3.0	L3.0	L4.0
CCS, cP	D5293	6,450 (-30°C)	6,500 (-30°C)	4,500 (-25°C)	5,300 (-25°C)
Noack Volatility, %w	D5800	14.0	14.5	14.5	14.0
TBN	D2896	8.4	8.6	8.4	8.6

1. For ILSAC viscosity grades
2. Always follow operator's manual for recommended viscosity grade and API service classification

The recommended shelf life for these oils is typically 48 months from manufacturing date when stored properly in the original sealed containers.

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