



PRODUCT DATA SHEET

NATIONAL™ dexos1® MOTOR OILS

PREMIUM FULL SYNTHETIC AUTOMOTIVE MOTOR OILS

PRODUCT DESCRIPTION

NATIONAL™ dexos1® motor oils are made with full synthetic base stocks with exceptional volatility that promote better fuel economy, low oil consumption and to reduce emissions. These oils are formulated using advanced additive technology to protect today's engines against undesirable deposits and wear.

NATIONAL™ dexos1® motor oils provide an excellent protection for extended drains, fast heavy loads and extreme service conditions.

INDUSTRY AND OEM SPECIFICATIONS

- ◆ GM dexos1® licensed
- ◆ API SN and prior "S" categories
- ◆ ILSAC GF-5, Resource Conserving
- ◆ Meets the requirements for:
 - HONDA HTO-06 (5W-30)
 - CHRYSLER MS-6395S
 - FORD WSS-M2C945A (5W-20), WSS-M2C946A (5W-30), WSS-M2C947-A (0W-20)
 - General Motors GM4718M and GM6094M

APPLICATIONS

NATIONAL™ dexos1® motor oils are licensed under GM dexos1® specifications and it is recommended for use in turbo charged gasoline fueled passenger cars, SUV's, Vans and light duty trucks including domestic and imports or anywhere where the manufacturer call for dexos1™ or API SN/ILSAC GF-5 rated oils.

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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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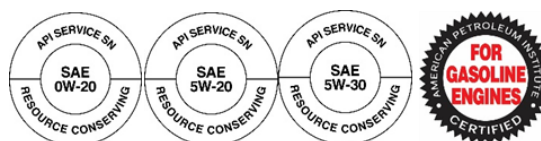


FEATURES

- ✓ Formulated to protect emissions control system catalyts
- ✓ Advanced varnish and sludge protection to keep engine clean by minimizing deposit formation
- ✓ Provides excellent fuel economy
- ✓ Excellent low temperature pumpability for protection during cold starts
- ✓ Available in three multi-viscosity grades*

TECHNICAL DATA

(typical values)



SAE GRADE	ASTM	0W-20	5W-20	5W-30
Product Number		07-194020	07-194520	07-194530
License Number		RB1E0204031	RB1C1029031	RB1A1214031
ILSAC GF-5/ RC		YES	YES	YES
SDS Number		S004.1	S004.1	S004.1
Viscosity @ 100°C, cSt	D445	7.90	8.64	10.40
Viscosity Index	D2770	161	159	139
API Gravity	D1250	35.8	35.2	35.4
Pour Point, °C	D5950	-48	-45	-48
Color ASTM	D1500	L3.0	L3.0	L3.0
CCS, cP	D5293	5,300 (-35°C)	4,000 (-30°C)	4,300 (-30°C)
Flash Point COC, °C	D92	197	204	205
TBN	D2896	7.8	7.5	7.6
Noack Volatility, %	D5800	12.0	12.3	12.4

- 1) Always follow operator's manual for recommended viscosity grade and API service classification
- 2) Certification Mark "Starburst" and the Service Symbol "Donut" are API's trademarks and cannot be used without proper license
- 3) dexos1® is a registered trademark of General Motors, LLC.

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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