



PRODUCT DATA SHEET

Premium Quality Lubricants

NATIONAL™ SYNTHETIC BLEND MOTOR OILS PREMIUM AUTOMOTIVE MOTOR OILS

PRODUCT DESCRIPTION

NATIONAL™ SYNTHETIC BLEND motor oils are a unique **blend of synthetic base stock and mineral base stocks for better fuel economy and reduced harmful emissions**. These are formulated using advanced detergent-dispersant, antioxidant, anti-wear agent, friction modifier, and defoamant additives for better wear protection. These oils provide excellent protection against sludge, engine rust and corrosion under severe low temperature operating conditions.

INDUSTRY AND OEM SPECIFICATIONS

- ◆ API SM/SL
- ◆ API SJ,SH,SG and SF (obsolete)
- ◆ ILSAC GF-4 (5W-20, 5W-30 and 10W-30)
- ◆ ILSAC GF-3/GF-2 (obsolete)
- ◆ FORD (WSS-M2C930) (5W-20)

APPLICATIONS

NATIONAL™ SYNTHETIC BLEND motor oils are recommended for both On-highway and Off-highway gasoline powered engines where the manufacturers call for API SM/ILSAC GF-4 rated oils. NATIONAL 5W-20 motor oil meets the demanding requirements for both FORD (WSS-M2C930) and Honda engines built since 2005.

TYPICAL PROPERTIES

SAE GRADE	TEST	5W-20	5W-30	10W-30
Viscosity @100°C	D445	8.70	10.5	10.5
Viscosity Index	D2770	150	155	140
CCS Viscosity	D5293			
@-30°C (cP max.)		6600	6600	NA
-25°C (cP max.)		NA	NA	6600
@-15°C (cP max.)		NA	NA	NA
Pour Point °C	D97	-39	-39	-35
Color	D1500	2.5	2.5	2.5

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