



# PRODUCT DATA SHEET

Premium Quality Lubricants

## NATIONAL™ PREMIUM MOTOR OILS PREMIUM AUTOMOTIVE MOTOR OILS

### PRODUCT DESCRIPTION

NATIONAL™ PREMIUM motor oils are formulated from quality base stocks combined with advanced detergent-dispersant, antioxidant, anti-wear agent, friction modifier, and defoamant additives. These oils provide an 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™ PREMIUM 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	10W-40	20W-50	30
Viscosity @100°C	D445	8.70	10.5	10.3	14.2	19.5	10.2
Viscosity Index	D2770	150	153	140	148	121	110
CCS Viscosity @-30°C (cP max.)	D5293	6600	6600	NA	6600	NA	NA
@-25°C (cP max.)		NA	NA	6600	6600	NA	NA
@-15°C (cP max.)		NA	NA	NA	NA	6600	NA
Pour Point °C	D97	-39	-39	-35	-30	-25	-30
Color	D1500	2.5	2.5	2.5	2.5	2.5	2.5

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