

PRODUCT INFORMATION

ECOSE[®] HIGH MILEAGE MOTOR OILS

MEETS OEM DEMANDS FOR IMPROVED PERFORMANCE TO COMBAT LOW SPEED PRE-IGNITION (LSPI)¹

ECOSE[®] High Mileage Motor Oils are specially designed for gasoline engine powered vehicles with 75,000 miles or more. Based on field testing results, this oil has proven to reduce high temperature varnish deposits and ring sticking. This oil is excellent for use in all seasons. All viscosity grades meet the requirements of **API SN Plus** and the latest ILSAC GF-5 performance, as well as meeting the requirements of all previous API “S” categories, including SN, SM, SL, and SJ.

ECOSE[®] High Mileage Motor Oils help to condition seals and make them less susceptible to leaks. They offer excellent low-temperature pumpability for protection during cold starts. **ECOSE[®] High Mileage Motor Oils** are also recommended for use in lower mileage vehicles, including new cars under warranty.



Typical Properties

SAE Grade		5W-20	5W-30	10W-30
Product Code	Test Method	530502	530503	530513
Gravity, API	ASTM D-4052	32.8	33.0	31.9
Kinematic Viscosity, cSt at 40°C	ASTM D-445	50.0	62.7	71.4
Kinematic Viscosity, cSt at 100°C	ASTM D-445	8.6	10.5	10.8
Viscosity Index, calculated		151	158	141
Pour Point °F	ASTM D-97	-43	-43	-33
Cold Cranking at temp °C, cP	ASTM D-5293	6000 @ -30	6300 @ -30	6200 @ -25
Color	ASTM D-1500	L3.0	L3.5	L3.5
Flash Point (COC) °F	ASTM D-92	430	430	450
Zinc, % wt PPM		850	850	850
Highest API Performance		SN Plus	SN Plus	SN Plus
Highest ILSAC Performance		GF-5	GF-5	GF-5

**Note: Values shown are typical only and do not constitute a specification. Minor variations in product are to be expected in normal manufacturing. Always confirm with the original manufacturer’s recommendation for proper equipment operating requirements.*

¹ *LSPI is a premature ignition of the air-fuel mixture in the combustion chamber. This low-speed pre-ignition is very violent and causes over pressurization of the combustion chamber that can lead to damage and failure of the piston, rings, valves, and other internal components.*

Availability:

ECOSE[®] High Mileage Motor Oils are available throughout Nu-Tier Brand’s marketing area. Your Nu-Tier representative can provide specific information. Need additional information? Call Nu-Tier Brands @ 1-877-771-LUBE (5823) or visit Nu-Tierbrands.com.