



SYNTHETIC BLEND PASSENGER CAR MOTOR OIL

EcoPower® Synthetic Blend Passenger Car Motor Oils are engineered to meet the latest demands of gasoline, propane, and natural gas engines in passenger cars and light duty trucks. With an API Service Category of API SN PLUS, they are backwards compatible (SN and SM) and designed to keep engines clean by fighting sludge; provide oxidation control; and protect engines against low speed pre-ignition (LSPI) in turbo-charged gasoline direct injection engines (TGDI). Additionally, they meet ILSAC GF-5 specifications and the 5W-30, 5W-20 and 10W-30 grades are Resource Conserving.

EcoPower® Synthetic Blend Passenger Car Motor Oils meets, exceeds, or carries the approvals to match the performance requirements of the following: Ford WSS-M2C-945-A (5W-20), Ford WSS-M2C-946-A (5W-30), and GM 6094M.

EcoPower® engine oils are guaranteed to be made with 100% twice refined (re-refined) Group II+ base oils. They not only perform for your applications, but the environment as well.

Performance Impact: Meets, exceeds, or carries the approvals for your equipment's lubrication requirement, specifications and demands. They are made using state-of-the-art performance additives providing you with:

- Unmatched varnish, sludge and carbon deposit control
- Extra protection against bearing and bushing corrosion
- Excellent high-temperature stability
- Low valve train, ring and linear wear
- Boosted oxidation control to minimize oil thickening
- Controlled oil thickening for good filterability with newer, high soot producing, emission-controlled engines

Environmental Impact: Our lubricants are also beneficial for the environment:

- Conserves valuable, non-renewable resources
- Reduces greenhouse gas emissions up to 80%
- Takes up to 85% less energy to produce than oils made from crude according to recent Department of Energy study

ECOPOWER PRODUCT PROPERTIES

SAE Viscosity Grade	5W-20	5W-30	10W-30
API Service Category	SN Plus	SN Plus	SN Plus
ILSAC Specification	GF-5	GF-5	GF-5
Kinematic Viscosity cSt @ 40°C cSt @ 100°C	50.4 8.7	64.5 10.7	65.0 10.2
Viscosity Index	151	157	144
CCS Viscosity cP @ -30°C cP @ -25°C	5,300 -	5,400 -	- 5,100
MRV Viscosity cP @ -30°C cP @ -35°C	- 16,000	- 21,000	15,000 -
TBN	7.3	7.3	7.3
Evaporative Loss, NOACK, wt%	< 15	< 15	< 15
Specific Gravity 15.6°C (60°F)	0.869	0.858	0.862
Flash Point, °C (°F)	204 (339)	204 (399)	206 (403)
Pour Point, °C (°F)	-36 (-33)	-39 (-38)	-42 (-44)
Color (ASTM)	3.0	3.0	3.0
Sulfated Ash, wt%	0.92	0.92	0.92

Values above are representative of current production and may vary within modest ranges. Last Revised: 10/18