



RUGGED ALL SEASON Synthetic Blend Motor Oils

RUGGED ALL SEASON Synthetic Blend motor oils provide excellent protection against engine wear, rust, corrosion, oxidation, and thermal breakdown. It also includes a viscosity index improver and pour point depressant designed to provide maximum protection under extreme temperature and operating condition. **RUGGED ALL SEASON Synthetic Blend** motor oils supply an extra margin of safety for passenger cars, light trucks, vans and SUV's.

(Note: warranty protection requires following manufacturer's recommended drain intervals and viscosity grade)

Specifications:

- Surpasses API service classification **SN Plus**.
- Meets or exceeds Energy Conserving, ILSAC **GF-5** (SAE 5W-20, SAE 5W-30 & SAE 10W-30).
- Exceed car manufacturer requirements for maintaining warranty validity.
- Meets or exceeds the latest automobile manufacturer's recommendations.
- Meets or exceeds **Ford WSS-M2C945-A**.

TYPICAL PROPERTIES						
SAE grade		5W-20	5W-30	10W-30	10W-40	20W-50
Resource Conserving		YES	YES	YES	N/A	N/A
Gravity, ° API	ASTM D-287	33.4	30.2	29.8	29.2	28.5
Flash, °F	ASTM D-92	403	410	410	410	410
Pour Point, °F	ASTM D-97	-33	-32	-29	-30	-20
Viscosity:						
cSt @ 40 °C	ASTM D-445	60	65.0	69.4	92.4	152
cSt @ 100 °C	ASTM D-445	9	10.5	10.5	13.7	17.5
Viscosity Index	ASTM D-2270	127	150	139	150	125
CCS:						
Cp @ -15 °C	ASTM D-5293					9500 max
Cp @ -25 °C	ASTM D-5293			7000 max	7000 max	
Cp @ -30 °C	ASTM D-5293	6600 max	6600 max			