



PRODUCT DATA SHEET

MACMILLAN RING-FREE™ SYNTHETIC BLEND 20W-50 SN CODE: 529

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Macmillan Ring-Free™ (Macmillan) Motor Oil Synthetic Blend 20W-50 is a premium quality, synthetic blend engine oil, formulated from selected superior base oils and advanced additive technology. Macmillan Synthetic Blend 20W-50 exceeds the latest American Petroleum Institute (API) SN performance categories. It is the engine oil of choice when a premium quality SN engine oil is recommended for use in passenger cars, light trucks, Powerboats, motorcycles and other stationary and mobile equipment. Macmillan Synthetic Blend 20W-50 shows improved high temperature deposit control, oil consumption and fuel economy and provides the highest levels of equipment protection available.

FEATURES

Macmillan Synthetic Blend Motor Oils are formulated to provide:

- Excellent fuel Economy
- Excellent volatility for low oil consumption
- Excellent protection from deposits at all operating temperatures
- Excellent cold-cranking capabilities
- Excellent anti-wear, anti-foam, bearing corrosion and anti-rust protection
- Advanced varnish and sludge protection
- Superior Synthetic Blend Protection against thermal breakdown. (5W-20 and 5W-30)
- Meets or exceeds API Resource Conserving (RC) standards, (5W-20, 5W-30, 10W-30) ILSAC GF-5, G4, GF3, GF-2 and GF-1 on applicable viscosity grades. (5W-20, 5W-30, 10W-30)

APPLICATIONS

Macmillan Synthetic Blend oils meet current and previous API service classifications: API SN, SM, SL, SJ, SH, SG, SF and ILSAC GF-5, GF-4, GF-3. GF-2 and GF-1 on applicable viscosity grades. Macmillan Synthetic Blend oils are recommended for the following uses:

- When Ford WSS-M2C945-A or WSS-M2C946-A is specified.
- When Chrysler MS-6395S is specified.



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Macmillan Synthetic Blend oils are available to comply with most passenger cars and light duty truck engine applications. Follow equipment manufacturer recommendations for specific applications.

SAE GRADE:	5W-20	5W-30	10W-30	10W-40 UL	20W-50
Product Code	525	526	527	528	529
Viscosity cSt@40°C	49.21	63.01	68.23	105.68	153.05
Viscosity cSt@100°C	8.59	10.57	10.49	15.26	18.29
Viscosity, SUS @ 210°F	54.38	61.25	60.96	78.95	91.29
Viscosity Index	153	158	141	152	134
API Gravity	32.78	33.01	31.51	31.74	29.77
Pour Point: °C	-48	-48	-42	-42	-36
API:RC (Resource Conserving):	YES	YES	YES	NO	NO
ILSAC GF-5 Certified:	YES	YES	YES	NO	NO
Color	3	3	3	3	3.5
API Licensed Service:	SN,SM,S L,SJ	SN,SM,SL,SJ	SN,SM,SL,SJ	SN,SM,SL,SJ	SN,SM,SL,SJ

AVAILABLE IN:

- Bulk
- 55 Gallon Drums
- 16 Gallon Quarter Drums
- 5 Gallon Pails