



LAUNCHER

motor oil



5W-20

FULL SYNTHETIC OIL



BENEFITS & ADVANTAGES

- WEAR AND SLUDGE PROTECTION
- ENHANCED FUEL ECONOMY WITH LOWER ENGINE EMISSIONS
- LEAVES PISTONS CLEANER THAN THE INDUSTRY STANDARD

LAUNCH its performance>>





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FULL SYNTHETIC OIL

FORMULATED TO MEET
INDUSTRY STANDARDS

LAUNCHER 5W-20 FULLY SYNTHETIC MOTOR OIL IS FORMULATED TO OUTPERFORM CONVENTIONAL OILS AND EXCEED API BASELINE PERFORMANCE TESTING STANDARDS ON WEAR PROTECTION, ENGINE SLUDGE PROTECTION, PISTON CLEANLINESS, LOW TEMPERATURE PERFORMANCE, AND OIL LOSS PREVENTION IN GASOLINE/DIESEL ENGINES AND HYBRID VEHICLES.

- MEETS INDUSTRY STANDARDS
- INCREASED WEAR PROTECTION
- ENGINE SLUDGE PROTECTION
- PISTON CLEANLINESS
- LOW TEMPERATURE PERFORMANCE
- OIL LOSS PREVENTION

Meets: Chrysler@MS-6395;Ford@WSS-M2C947-B1, Exceeds the requirements of the following industry specifications:

API SP and all previous categories, ILSAC GF-6A , ACEA C3 , BMW LL04 , MB 229.51 , VW 504.00507 , PORSCHE C30

LAUNCHER MOTOR OIL HAS BEEN RECOMMENDED AND TESTED ON NEW ENGINES AND HIGH MILEAGE VEHICLES

CODE	GRADE-API	PACKING	MATERIAL
LMO5W20FS-121-P	5W20 API SP	12x1L	PLASTIC
LMO5W20FS-45-P	5W20 API SP	4x5L	PLASTIC

TYPICAL CHARACTERISTICS	METHOD	UNIT	RESULT
Viscosity Grade	-	-	5W-20
Density @ 15°C	ASTM D4052	Kg/L	0.858
Viscosity @ 40°C	ASTM D445	mm ² /s	61
Viscosity @ 100°C	ASTM D445	mm ² /s	10.5
Viscosity Index	ASTM D2270	-	162
Flash Point (COC)	ASTM D92	°C	235
Pour Point	ASTM D97	°C	-35

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