

Eni MX 5111

Ultra high performance PCMO Additives Package



Eni MX 5111 is an advanced latest generation additive package designed for blending top level performance car engine lubricants to reach very high fuel economy benefits.

APPLICATIONS & PROPERTIES

- Eni MX 5111 additive package is recommended for SAE 0W-20 engine oil formulations for passenger cars devoted to "start & stop" system or to hybrid vehicles.
- Eni MX 5111 additive package is suitable for blending advanced performance and very high fuel economy car engine lubricants when formulated with the appropriate base stocks and Viscosity Modifier.
- Grade SAE formulation covered: 0W-20 using Group III base stocks.

TREAT RATE

11.33% wt

PERFORMANCE CLAIMS

Specification	Performance
API	SN/RC
ILSAC	GF-5



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TECHNICAL DATA

	Method	Unit	Value	
			min.	max.
Physical properties				
Appearance	-		clear liquid	
Density @ 15°C	ASTM D 4052	kg/m ³	960	
Viscosity @ 100°C	ASTM D 445	mm ² /sec	110	160
Flash Point	ASTM D 93	°C	100	
Chemical properties				
TBN	ASTM D 2896	mg KOH/g	46	66
Calcium	ASTM D 4951	% m	1.23	1.75
Magnesium	ASTM D 4951	% m	0.21	0.30
Zinc	ASTM D 4951	% m	0.53	0.76
Phosphorus	ASTM D 4951	% m	0.48	0.70
Nitrogen	ASTM D 5291	% m	0.71	1.00

HANDLING INFORMATION

- **storage:** the maximum handling and unloading temperature is 60°C; it is recommended that for long term storage the temperature should not exceed 50°C.
- **shelf life:** 24 months at ambient temperature and storage in adequate storage conditions (containers kept closed and set upright on pallets with the bungs on top. In case of open-air storage the drums on the top pallet must have a waterproof lid).
- **transport information:** the product is classified as not dangerous as far as naval, rail and road transportation is concerned.
- **safety & regulatory information:** please see safety data sheet in <https://msds.eni.com/AthosSDS/>

PACKAGING

- bulk
- IBC (1000 litres)
- drums (200 litres)

PRODUCTION SITE

Eni Robassomero plant
Via B. Buozzi 3
10070 Robassomero
Torino Italy



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