

Eni MX 5116

cost-effective PCMO Additive Package



Eni MX 5116 is a new additive package designed for advanced cost-efficient engine oil technologies.

APPLICATIONS & PROPERTIES

- Eni MX 5116 additive package is suitable for blending high level performance engine lubricants for passenger cars and light duty applications when formulated with the appropriate base stocks and Viscosity Modifier.
- Eni MX 5116 is based on an innovative technology which provides excellent performance engine oil in different SAE grade formulations using Group I + Group III base stocks.
- Grade SAE formulations covered: 5W-40, 10W-40, 15W-40, 15W-50, 20W-50. Grades from 15W-40 are fully obtained with Group I base stock.

TREAT RATE

10.8% wt

PERFORMANCE CLAIMS

Specification	Performance
API	SM/CF
ACEA 2012	A3/B4-12
Mercedes Benz	MB 229.1* MB 229.3*
Volkswagen	VW 505 00 VW 501 01
Renault	RN 0700 level

* Official approval pending.



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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	985	
Viscosity @ 100°C	ASTM D 445	mm ² /sec	128	193
Flash Point	ASTM D 93	°C	100	
Chemical properties				
TBN	ASTM D 2896	mg KOH/g	83	114
Calcium	ASTM D 4951	% m	2.39	3.36
Magnesium	ASTM D 4951	% m	0.10	0.16
Zinc	ASTM D 4951	% m	0.68	0.96
Phosphorus	ASTM D 4951	% m	0.61	0.87
Nitrogen	ASTM D 5291	% m	0.69	1.04

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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