

Eni MX 5114

advanced PCMO and 4-stroke additive package



Eni MX 5114 is a new additive package designed for advanced cost-efficient engine oil technologies for cars and 4-stroke motorcycles.

APPLICATIONS

- **Eni MX 5114** additive package is suitable for blending high level performance car and 4-stroke motorcycles engine lubricants when formulated with the appropriate base stocks and Viscosity Modifier.
- **Eni MX 5114** meets JASO MA-2 specifications as well.
- Grade SAE formulations covered: 10W-30, 10W-40, 15W-40, 15W-50, 20W-50. Grades from 15W-40 are fully obtained with Group I base stock.

TREAT RATES

- 6.5% wt

PERFORMANCE CLAIMS

- Performance claims of **Eni MX 5114** are the following:

Specifications	Performance
API	SL/CF
JASO	MA-2

TECHNICAL DATA

	Method	Unit of Measure	Values		Typical
			Min	Max	
Appearance		-			clear liquid
Density at 15°C	ASTM D 4052	kg/m ³			995
Viscosity at 100°C	ASTM D 445	mm ² /s	119.0	200.0	





	Method	Unit of Measure	Min	Max	Typical
Flash point	ASTM D 93	°C	100		
B. N.	ASTM D 2896	mgKOH/g	85	115	
Calcium	ASTM D 4951	%m	2.22	3.14	
Magnesium	ASTM D 4951	%m	0.13	0.19	
Zinc	ASTM D 4951	%m	1.24	1.75	
Phosphorus	ASTM D 4951	%m	1.15	1.57	
Nitrogen	ASTM D 5291	%m	0.72	1.09	

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
- Drums

PRODUCTION SITE

eni Robassomero plant
Via Bruno Buozzi, 3
10070 Robassomero
Torino Italy





eni