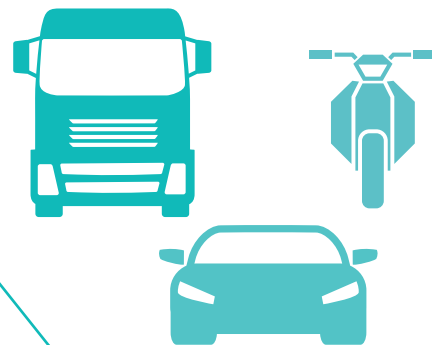


Eni MX 5153

Multipurpose cascade Additives Package



Eni MX 5153 in a cascade additives package designed for premium mono/multigrade crankcase lubricants.

APPLICATIONS & PROPERTIES

- Eni MX 5153 additives package is suitable for being blended in mineral formulations when formulated with the appropriate Group I base stocks and Viscosity Modifier.
- Eni MX 5153 used in conjunction with Eni MX 5653 fulfils API Quality Level SL/CF.
- Eni MX 5153 meets JASO MA-2.
- Grades SAE formulations covered: 15W-40, 15W-50, 20W-50 and all monogrades.

TREAT RATE & PERFORMANCE CLAIMS

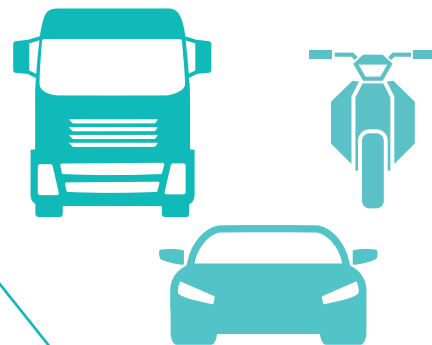
Treat Rate, % wt	Performance
7.0% + 2.0% Eni MX 5653	API SL/CF
7.0%	API SJ/CF JASO MA-2
5.4%	API SJ/CF
5.1%	API SG/CD
4.8%	API SF/CD

Other treat rates are available on request.



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Multipurpose cascade Additives Package



TECHNICAL DATA

	Method	Unit	Value	
			min	max
Physical properties				
Appearance	-		clear liquid	
Density @ 15°C	ASTM D 4052	kg/m ³	1000	
Viscosity @ 100°C	ASTM D 445	mm ² /sec	110	170
Flash Point	ASTM D 93	°C	100	
Chemical properties				
TBN	ASTM D 2896	mg KOH/g	85	112
Calcium	ASTM D 4951	% m	2.95	3.60
Zinc	ASTM D 4951	% m	1.20	1.60
Phosphorus	ASTM D 4951	% m	1.10	1.45
Nitrogen	ASTM D 5291	% m	0.55	0.85

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. Buozi 3
10070 Robassomero
Torino Italy



eni

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