

# Eni MX 4006

olefin copolymer rubber



**Eni MX 4006** is an Olefin Copolymer Rubber (OCP) with high Ethylene content designed for the production of good shear stability non-dispersant Viscosity Index improver (VII).

## APPLICATIONS

- **Eni MX 4006**, directly via dissolution in suitable base stocks, is recommended to prepare multigrade crankcase engine oils meeting international requirements automotive, marine and industrial lubricants.
- To obtain a VII additive, **Eni MX 4006** should be dissolved at approximately 9% wt in low viscosity base oil, preferably SN 130. The VII additive is then diluted at 10% wt in SN 150 to yield a SSI of about 25 and a Thickening Power between 10.3-10.9 mm<sup>2</sup>/s.

## SUGGESTED TREAT RATES

- Recommended treat levels calculated on mineral formulations with additive package are the following:

SAE GRADE	Treat level % mass
10W-30	0.45 - 0.80
10W-40	0.95 - 1.30
15W-40	0.65 - 0.95
15W-50	1.05 - 1.40
20W-40	0.10 - 0.30
20W-50	0.45 - 0.80

## TECHNICAL DATA

	Method	Unit of Measure	Values		Typical
			Min	Max	
Visual aspect	-	-			pellets
Melt Flow Index	MA 17066	g/10'	6.5	10.5	
Low boiling point components	MA 96147	% (m/m)		0.25	





	Method	Unit of Measure	Min	Max	Typical
Total ashes	MA 93214	% (m/m)		0.45	
Propylene content	MA 15882	% (m/m)	29	39	
Shear Stability Index (SSI)	Calculated	-			25

N.B.: Shear Stability Index for 1.0% **Eni MX 4006** in SN 150

## HANDLING INFORMATION

- storage: it is recommended that for long term storage the temperature should be kept between 15°C and 30° C; shelf life is 24 months at ambient temperature and in adequate storage conditions (cool, well ventilated surroundings).
- 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

not free flowing pellets in 20 kg PE bags

## PRODUCTION SITE

GREENPLAST  
via Circonvallazione Cavallari  
43100 Solferino (MN)  
ITALY

