



GREEN FRIX S.A. – Bio-based Cross-linked oils

Ref :	SunFadol Oligomerized Serie
Replaces :	01/04/2019
Effective date :	17/12/2019
Revision :	2.2

Chemical description

Oligomerization product obtained by plasma treatment of vegetable oil mono- and poly-unsaturated C16-C22 triglycerides.

EC number: 948-916-8

Green Frix products have been submitted to REACH registration

Use

Typically used:

- as base oil for the lowest viscosity
- as a boundary lubricity additive, VI improver for the highest viscosities



Nonfood Compounds
(HX-1)

Field of applications: any lubricant (EAL, Eco-labelled, food grade approved, ...)

SunFadol 68, 700 & 2000) are NSF HX-1 registered.

Physico-Chemical properties

SunFadol (Oligomer Serie)		68	100	150	220	320	460	700D	2300D
Kinematic Viscosity at 40°C (mm ² /s)	Min	61	90	135	198	288	414	630	2070
	Max	75	110	165	242	352	506	770	2530
Appearance	Liquid (cloudy)								
Color	Light yellow								
VI (Viscosity Index)	Min 200								
Iodine number (g I ₂ /100 g)	>95								
Peroxide number (mEq O ₂ /kg)	< 15								
TAN (mg KOH/g)	< 1.5								
Saponification Value	195								
Biodegradability (OECD 301B)	>60%								
Freezing point (OECD 102)	< -80 °C								
Flash point (EN ISO 2719-A)	237.5 °C								

DISCLAIMER

The technical product information, while believed to be accurate and reliable, are given without guarantee or warranty of any kind expressed or implied. The Purchaser assumes all risk at acting on this information provided by GREEN FRIX. Individual requirements vary and each purchaser is urged to perform their own tests, experiments and investigations in their use of Green Frix's products and for purposes of determining compliance with applicable Federal, and local laws and regulations.

For all requests please contact the Quality Manager via info@greenfrix.com

GREEN FRIX S.A.

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