

SYNATIVE ES EHO V

Composition

2-Ethylhexyl-oleate (vegetable)

Quality Control Data

(These data are used for quality release and are certified for each batch.)

Item	Value	Method / Remarks
Acid Value:	< 0,5	DGF C-V2 DIN 53402
Saponification Value:	140 - 150	DGF C V 3 DIN 53401
Density:	20 °C	0,860 - 0,870 g/cm ³
Viscosity:	40 °C	7,2 - 8,8 mm ² /s
		DIN 51757 V 4 DIN 51562

Additional Specifications

(Guaranteed specification values which are not determined on a regular basis.)

Item	Value	Method / Remark
Pour Point:	max. -15 °C	DIN ISO 3016
Hydroxyl Value:	max. 0,8	DIN 53240 DGF C-V 17a
Density:	15 °C	0,861 - 0,871 g/cm ³
2-Ethylhexanol		max. 0,2 %
		DIN 51757 V 4 Q-C 1077.0

Properties & Use

Even after long exposition to high temperature the odour of **SYNATIVE ES EHO V** is very good. It may be used as basestock for quenching oils.*)

Due to the excellent heat-stability, a good lubricity and the low Noack volatility **SYNATIVE ES EHO V** is suitable for the formulation of high-performance cutting oils.*)

Its outstanding hydrolytical stability, combined with a good lubricity, makes **SYNATIVE ES EHO V** an excellent ester component for water-miscible metalworking fluids.

*)We recommend the addition of antioxidants, e. g. Butylhydroxytoluene (BHT).

Additional Technical Data

Iodine value (DGF C - V 11 b)	62 - 72
Kinematic viscosity (DIN 51562 part 1)	
at 100°C	2,7 mm ² /s
Viscosity index (DIN ISO 2909)	min. 180
Flash point (DIN ISO 2592)	min. 180 °C
Noack volatility (DIN 51581)	max. 22 %

The product can be stored for at least 2 years at ambient storage conditions and temperature without any deterioration.

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/ **SYNATIVE ES EHO V**