

SYNATIVE ES DITA

Composition

Diisotridecyladipate

Technical Data

Item	Value	Method / Remarks
Appearance:	Clear, colourless liquid	
Water Content:	max. 0,1 %	DIN 51777
Flash Point:	min. 210 °C	DIN ISO 2592
Pour Point:	max. -54 °C	DIN ISO 3016
Acid Value:	max. 0,1	DIN EN ISO 3682
Iodine Value:	max. 1	DIN 53241
Hydroxyl Value:	max. 5	DIN 53240
Saponification Value:	215 - 230	DIN EN ISO 3681
Viscosity: à 40 °C	24 - 28 mm ² /s	DIN 51562, 1
Viscosity: à 100 °C	5,14 - 5,33 mm ² /s	DIN 51562, 1
Color: APHA	max. 50	DIN ISO 6271 ASTM D 1045

Quality Control Data

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

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Water Content:	max. 0,1 %	DIN 51777
Acid Value:	max. 0,1	DIN EN ISO 3682
Iodine Value:	max. 1	DIN 53241
Hydroxyl Value:	max. 5	DIN 53240
Saponification Value:	215 - 230	DIN EN ISO 3681
Viscosity: à 40 °C	24 - 28 mm ² /s	DIN 51562, 1

Additional Specifications

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

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Appearance:	Clear, colourless liquid	
Flash Point:	min. 210 °C	DIN ISO 2592
Pour Point:	max. -54 °C	DIN ISO 3016
Viscosity: à 100 °C	5,14 - 5,33 mm ² /s	DIN 51562, 1
Color: APHA	max. 50	DIN ISO 6271 ASTM D 1045

Properties & Use

Synthetic lubricant basestock, e.g. for engine oils and hydraulic fluids

Additional Technical Data

Viscosity index (DIN ISO 2909)	136	
Thermogravimetric Analysis (Cognis-Method TA-TGA-SOP 6) (Loss in mass-% when continuously increasing the temperature at a rate of 20 °C/min)		
200°C	1	%
250°C	4	%
300°C	28	%

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

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