

## Technical Data Sheet

## BASE OILS

## NEXBASE 3043

**HYDROISOMERIZED BASE STOCKS  
NEXBASE<sup>®</sup> 3043**

**Description** NEXBASE 3043 is a colourless, catalytically hydroisomerized and dewaxed base oil comprising hydrogenated, highly isoparaffinic hydrocarbons.

**Applications** NEXBASE 3043 is suitable for use in formulating high-quality 5W/X and 10W/X engine oils. NEXBASE 3043 conforms with API/ATIEL Base Stock Group III and it is used also in compressor and hydraulic oil formulations as well as in gear and circulation oils.

**Technical Data**

Property	Unit	Specification value	Typical value (2)	Test method
Appearance		Pass	(1)	ASTM D-4176-1
Viscosity at 100°C 40°C	mm <sup>2</sup> /s	4.2 - 4.4	4.3 20	ASTM D-445
Viscosity Index	()	≥ 121	122	ASTM D-2270
Pour Point	°C	≤ -12	-18	ASTM D-97
Flash Point	°C	≥ 220	228	ASTM D-92
Colour	()	≤ 0.5	< 0.5	ASTM D-1500
Noack Volatility	w-%	≤ 14.8	14.2	CEC L-40-93b
Density, at 15°C	kg/m <sup>3</sup>		837	ASTM D-4052

1) Clear and bright liquid on visual observance, and no water or particulates observed at the bottom of the vortex.

2) Long-term average value

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**Safety**

NEXBASE 3043 is stable in ambient conditions.  
The product may be fatal if swallowed and enters airways  
(Asp.Tox.1,H304/Not classified according to DSD/DPD)

**Handling**

NEXBASE 3043 is non-corrosive and it can be stored in mild steel containers. The product is practically non-irritating to skin and eyes.

Compliance with good industrial guidelines recommended.

**Shipping  
Information**

**ADR/RID** Not classified

**IMDG** Not classified

**IATA** Not classified

**Availability**

NEXBASE 3043 is available in bulk and in drums.

**Additional  
Information**

Further information on NEXBASE 3043 is available from

Neste Oil N.V.  
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Industrieweg 154  
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