

## Technical Data Sheet

## BASE OILS

## NEXBASE 2006

## POLYALPHAOLEFINS NEXBASE<sup>®</sup> 2006

<b>Description</b>	NEXBASE 2006 is a colourless and odourless high-purity isoparaffinic synthetic fluid comprising of hydrogenated C10 oligomers.
<b>Applications</b>	NEXBASE 2006 is particularly suited for use in formulating high-quality synthetic and semi-synthetic engine oils. NEXBASE 2006 is a natural ISO 32 base stock with special applications in compressor and hydraulic lube formulations as well as in gear oils and circulation oils.

**Technical Data**

Property	Unit	Specification value	Typical value	Test method
Appearance		Pass	1)	ASTM D-4176-1
Odour		Odourless	Odourless	Organoleptic
Viscosity at 100°C 40°C -40°C	mm <sup>2</sup> /s	5.7 - 6.0 29 - 31.5 ≤ 8200	5.8 30.2 7700	ASTM D-445
Viscosity Index	( )	≥ 130	138	ASTM D-2270
Noack Volatility	w-%	≤ 8	6.5	CEC-L-40-93b
Pour Point	°C	≤ -60	-63	ASTM D-97
Flash Point	°C	≥ 230	244	ASTM D-92
Colour	( )	≥ +30	> +30	ASTM D-156
Water	w-ppm	≤ 25	<10	ASTM D-6304
Density at 15°C	kg/m <sup>3</sup>	820 - 840	827	ASTM D-4052
Bromine Index	mgBr/100g	≤ 400	< 100	ASTM D-2710

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

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**Safety**

NEXBASE 2006 is stable in ambient conditions.

NEXBASE 2006 is NSF (USDA) approved under n° 122324 as H1-lubricant (lubricating oils with incidental food contact).

**Handling**

NEXBASE 2006 is non-corrosive and it can be stored in mild steel containers.

The product is non-toxic when taken orally and non-irritating to skin and eyes.

**Shipping Information**

**ADR/RID** Not classified

**IMDG** Not classified

**IATA** Not classified

**Availability**

NEXBASE 2006 is available in bulk and in drums.

**Additional Information**

Further information on NEXBASE 2006 is available from

Neste Oil N.V.  
Global Customer Service Centre  
Industrieweg 154  
B-3583 Beringen  
Belgium

tel +32-11-45 95 11  
fax +32-11-45 95 32



<https://www.lubrex.com.tr/>

[lubrex@lubrex.com.tr](mailto:lubrex@lubrex.com.tr)