

Technical Data Sheet

BASE OILS

NEXBASE 2004

**POLYALPHAOLEFINS
NEXBASE® 2004**

Description NEXBASE 2004 is a colourless and odourless, high-purity isoparaffinic synthetic fluid comprising of hydrogenated C10 oligomers.

Applications NEXBASE 2004 is suitable for use in formulating high-quality 0W/X and 5W/X engine oils. The excellent low temperature properties of NEXBASE 2004 make it a good base component in high-quality hydraulic oils and outdoor gear 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 ² /s	3.8 - 4.1 17 - 18.8 ≤ 3000	4.0 17.8 2800	ASTM D-445
Viscosity Index	()	≥ 115	123	ASTM D-2270
Noack Volatility	w-%	≤ 14	13.0	CEC L-40-93b
Pour Point	°C	≤ -60	-69	ASTM D-97
Flash Point	°C	≥ 210	223	ASTM D-92
Colour	()	≥ +30	> +30	ASTM D-156
Water	w-ppm	≤ 50	< 10	ASTM D-6304
Density at 15°C	kg/m ³	810 - 830	820	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 2004 is stable in ambient conditions.

NEXBASE 2004 is NSF (USDA) approved under n° 122327 as H1-lubricant (lubricating oils with incidental food contact).

Handling

NEXBASE 2004 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 2004 is available in bulk and in drums.

Additional Information

Further information on NEXBASE 2004 is available from

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