

Technical Data Sheet

BASE OILS

NEXBASE 3080

**HYDROISOMERIZED BASE STOCKS
NEXBASE® 3080**

Description NEXBASE 3080 is a catalytically hydroisomerized and dewaxed base oil comprising of hydrogenated, highly isoparaffinic hydrocarbons.

Applications NEXBASE 3080 is suitable for use in formulating high-quality engine oils. NEXBASE 3080 conforms with ACEA Group III, and is a natural ISO 46 base stock which can be 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 ² /s | 7.8 - 8.2 | 7.9 48 | ASTM D-445 |
| Viscosity Index | () | ≥ 125 | 128 | ASTM D-2270 |
| Pour Point | °C | ≤ -12 | -15 | ASTM D-97 |
| Flash Point | °C | ≥ 220 | 260 | ASTM D-92 |
| Colour | () | ≤ 0.5 | < 0.5 | ASTM D-1500 |
| Noack Volatility | w-% | ≤ 5 | 3.5 | CEC L-40-93b |
| Density, at 15°C | kg/m ³ | | 845 | 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

Technical Data Sheet

BASE OILS

NEXBASE 3080

Safety

NEXBASE 3080 is stable in ambient conditions.

Handling

NEXBASE 3080 is non-corrosive and it can be stored in mild steel containers. The product is practically non-irritating to skin and eyes.

Practising good industrial guidelines recommended.

**Shipping
Information**

ADR/RID Not classified

IMDG Not classified

IATA Not classified

Availability

NEXBASE 3080 is available in bulk and in drums.

**Additional
Information**

Further information on NEXBASE 3080 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