NYCO
INDUSTRY & AUTOMOTIVE

# NYCOBASE 32011 FG

TECHNICAL DATA SHEET

## HIGH TEMPERATURE NEOPOLYOL ESTER

## DESCRIPTION

NYCOBASE 32011 FG is an ISO VG 220 neopolyol ester that is specifically designed for ultra-high temperature applications. It demonstrates outstanding resistance to thermo-oxidation and exceptionally low volatility.
NYCOBASE 32011 FG may be used as a component, with a limitation in mass of 98%, of a formulated NSF H1 certified lubricant for use in incidental food contact applications.

## APPLICATIONS

NYCOBASE 32011 FG is particularly recommended for use in high temperature chain oil formulations. Thanks to its resistance to thermo-oxidation and low volatility, formulations based on NB 32011 FG will show unusually high flash points, excellent cleanliness features, and extended durability.

## ADVANTAGES

- **Resists temperatures of up to 300°C when suitably formulated**
- **Delivers excellent cleanliness and durability**
- **Achieves flash points of more than 300°C**
- **Acceptable as a component of NSF H1 lubricants,** http://info.nsf.org/usda/psnclistings.asp

NSF
Nonfood Compounds
Program Listed

| PROPERTIES | UNIT | TYPICAL RESULT | TEST METHOD |
|---|---|---|---|
| **Appearance** | - | Clear, bright and free from undissolved water, sediments and other impurities | Visual examination |
| **Colour APHA** | - | 55 | ISO 2211 |
| **Density at 20°C** | kg/dm3 | 0.966 | ISO 12185 |
| **Flash point COC** | °C | 300 | ISO 2592 |
| **Pour point** | °C | -28 | ISO 3016 |
| **Acid number** | mg KOH/g | 0.02 | ISO 6618 |
| **Kinematic viscosity at 100°C<br>at 40°C** | mm²/s | 19.2<br>212 | ISO 3104 |
| **Viscosity index** | - | 102 | ISO 2909 |
| **Water content** | mg/kg | 150 | ISO 12937 |

*The values above are typical values. They do not constitute any contractual commitment.*
*Sales specifications are available on request. The present technical data sheet replaces all the previous editions*


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