



HIGH TEMPERATURE CHAIN OILS

DESCRIPTION

NYCOLUBE 5500 series is a line of high temperature chain oils available in ISO VG 68, 150, 220 and 320 grades.

NYCOLUBE 5500 series products are based on high performance synthetic neopolyol esters fortified with optimized anti-oxidant systems. They are specifically designed to deliver excellent performance at elevated temperatures.

APPLICATIONS

NYCOLUBE 5500 series is specifically recommended for high temperature chains of conveyors, furnaces and driers of industries like cement, glass, ceramics, plastic, fibre board, plastic film, insulating material production, as well as metal forming.

NYCOLUBE 5500 series may be used on equipment operating at temperatures of up to 280°C (peak temperature).

NYCOLUBE 5500 series combines:

- Excellent high temperature and lubricity performance: very low volatility, good resistance to thermo-oxidation and low deposit formation
- Improved safety thanks to its unusually high flash points

BENEFITS

- ✓ **Excellent cleanliness**
- ✓ **Durability thanks to low volatility and thermo-oxidation resistance**
- ✓ **Good lubricity**
- ✓ **Reduced fire outbreaks**

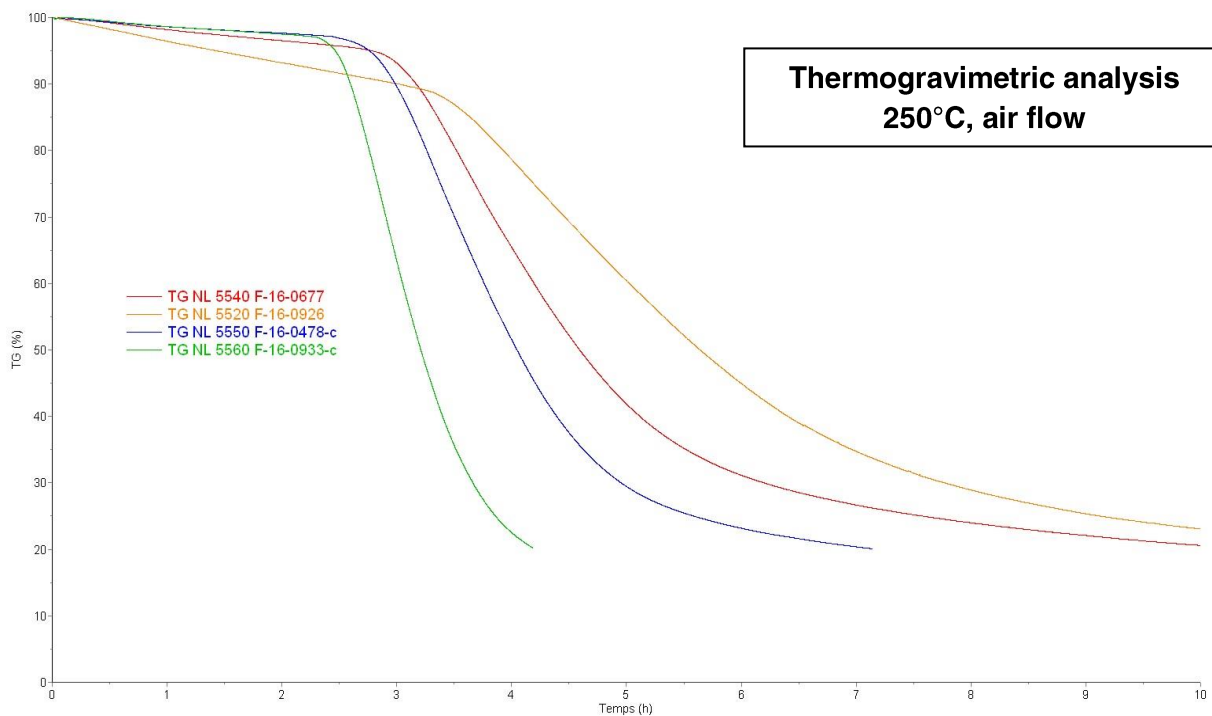
The values above are typical values. They do not constitute any contractual commitment.
Sales specifications are available on request. The present technical data sheet replaces all the previous editions.





Properties	Unit	Typical Result				Test method
		NYCOLUBE 5520	NYCOLUBE 5540	NYCOLUBE 5550	NYCOLUBE 5560	
Appearance	-	(1)	(1)	(1)	(1)	Visual examination
Density at 20°C	kg/dm ³	0.958	0.966	0.969	0.967	ISO 12185
Flash point	°C	276	295	307	312	ISO 2592
COC	°C	-42	-30	-21	-18	ISO 3016
Pour point	°C	-42	-30	-21	-18	ISO 3016
Kinematic viscosity at 100°	mm ² /s	9.1	15.1	19.4	22.9	ISO 3104
at 40°C		71	156	245	328	
Viscosity Index	-	104	97	90	87	ISO 2909
Evaporation 6 h at 200°C	% mass	0.7	0.5	0.4	0.4	ASTM D972
Acid number (pH=11)	mg KOH/g	0.4	0.4	0.3	0.3	ISO 6619
Steel corrosion	-	Pass	Pass	Pass	Pass	ISO 7120A
Copper corrosion	-	1b	1b	1b	1b	ISO 2160
4 ball Wear Scar 1 h – 392 N	mm	0.38	0.50	0.45	0.50	ASTM D4172
4 ball Weld Load	kg	126	126	126	126	ASTM D2783

(1) Clear, bright and free from water and undissolved impurities
Colour may change from yellow to slightly red with sunlight with no impact on product performance



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.





	NYCOLUBE 5520	NYCOLUBE 5540	NYCOLUBE 5550	NYCOLUBE 5560
GFC Lu-27-A-13, Micro-Coking Test, 230-280°C				
Deposit temperature	>280	274	>280	>280
Average merit	9.95	9.56	10	10
GFC Lu-27-A-13, Micro-Coking Test, 250-300°C				
Deposit temperature	259	<250	<250	<250
Average merit	8.4	7.64	7.99	7.77

On thermogravimetric testing, NYCOLUBE 5500 series demonstrates low volatility, and clean decomposition leading to low deposit formation; micro-coking test confirms low coking propensity.

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.

