



FOOD GRADE HIGH TEMPERATURE CHAIN OIL

DESCRIPTION

NYCOLUBE 5951 FG is an ISO VG 220, high performance, high temperature chain oil that is NSF H1 registered, as an acceptable lubricant for incidental food contact used in the food industry.

NYCOLUBE 5951 FG demonstrates outstanding performance thanks to its thermo-oxidative resistance and superior cleanliness.

APPLICATIONS

NYCOLUBE 5951 FG is specifically recommended for high temperature chain oils used in the food industry, where incidental contact with oil with food may occur.

NYCOLUBE 5951 FG can be used on equipment running at temperatures exceeding 300°C

NYCOLUBE 5951 FG combines:

- Outstanding high temperature and lubricity performance: low volatility, good resistance to thermo-oxidation and low deposit formation
- Safety in food processing areas thanks to its NSF registration and high flash point

ADVANTAGES

- Superior cleanliness
- Durability thanks to low volatility and thermo-oxidation resistance
- Excellent anti-wear properties
- Added fire safety
- Acceptable for incidental food contact applications, Star-K Kosher (Pareve) and Halal certified



<http://info.nsf.org/usda/psnclistings.asp>



Nonfood Compounds
Program Listed





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PROPERTIES	UNIT	TYPICAL RESULT	TEST METHOD
NSF registration number	-	167455	-
Appearance	-	Clear, bright and free from sediments and other impurities*	Visual examination
Density at 20°C	kg/dm ³	0.967	ISO 12185
Flash point COC	°C	324	ISO 2592
Kinematic viscosity at 100° at 40°C	mm ² /s	19.5 224	ISO 3104
Viscosity Index	-	99	ISO 2909
Acid number (pH=11)	mg KOH/g	0.3	ISO 6619
Evaporation, 6 h – 200°C	%m	0.3	ASTM D972
Steel corrosion	-	Pass	ISO 7120A
Copper corrosion	-	1b	ISO 2160
4 ball Wear Scar 1 h – 392 N	mm	0.40	ASTM D4172

(*) 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.

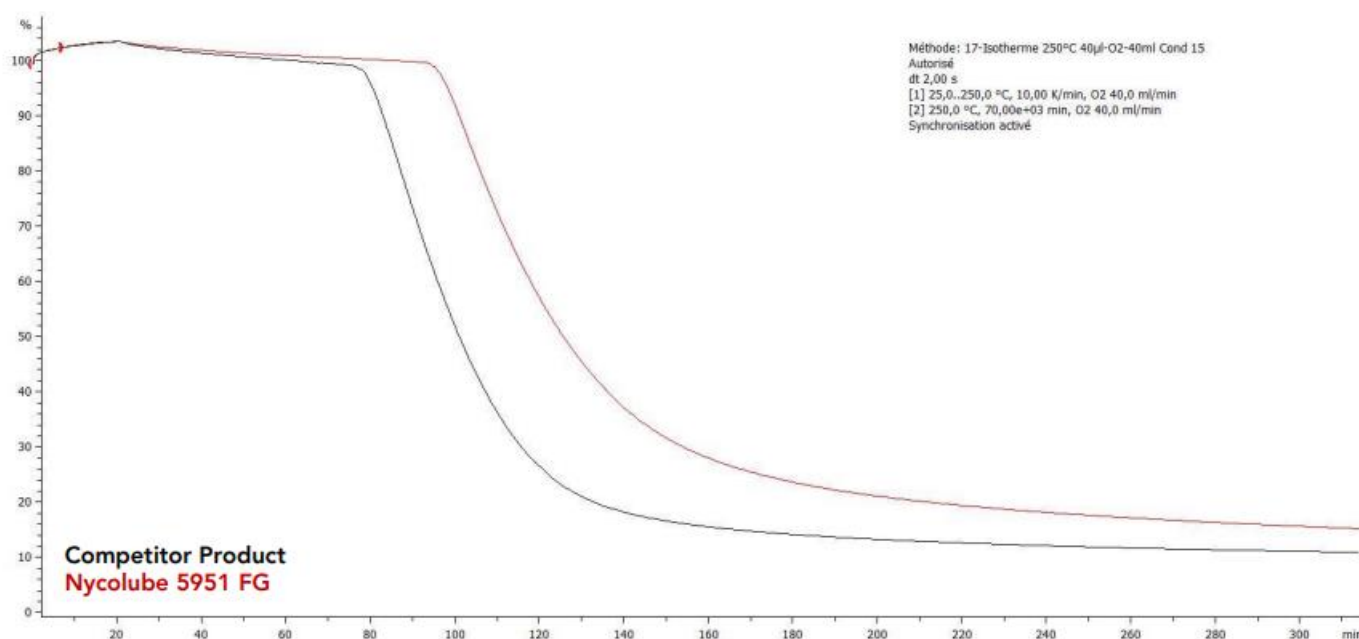
	Competitor product	NYCOLUBE 5951 FG
GFC Lu-27-A-13, Micro-Coking Test, 230-280°C		
Deposit temperature	251	265
Average merit	9,28	9.55
		

	Competitor product	NYCOLUBE 5951 FG
GFC Lu-27-A-13, Micro-Coking Test, 250-300°C		
Deposit temperature	<250	<250
Average merit	7.65	8.08
		



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Isothermal thermo-gravimetry – 250°C - O₂



NYCOLUBE 5951 FG shows lower volatility and higher flash point than top tier competition product.