

HIGH GRADE

Nytro Lynx

High performance insulating oil

Designed for Canada's harsh climate, Nytro Lynx is a high-grade oil that typically has gas-absorbing properties. It conforms to CAN/CSA-C50-08 class A type II. Developed and formulated to deliver strong resistance to oil degradation, Nytro Lynx provides excellent oxidation stability for a longer transformer life with less maintenance.

Designed for heavy duty

This product has been specially developed for use in oil-filled electrical equipment – including power and distribution transformers, rectifiers, circuit breakers and switchgears.

Performance and benefits

Very good heat transfer. Thanks to low viscosity and viscosity index, this high grade offers extremely good heat transfer characteristics, ensuring heat is efficiently removed from core and windings.

Excellent oxidation stability. Developed and formulated to deliver superb resistance to oil degradation, this grade provides excellent oxidation stability for enhanced transformer life and minimum maintenance.

Very good low temperature properties. Naphthenic characteristics allow the transformer to start at the lowest possible temperature – without using pour point depressants.

High dielectric strength. This insulating oil both meets and exceeds the toughest demands on dielectric strength – when stored and handled correctly.

Product description

Nynas classify this product as a high grade.

Nytro Lynx is rigorously analysed and passes the following corrosion tests:

- ASTM D1275 method B
- IEC 62535
- DIN 51353

PCB: Not detectable according to ASTM D 4059

DBDS: Not detectable according to method using GC-AED.

There's more to us than this

We're delighted you chose one of our transformer oils. If you have any questions about other products and services, get in touch with your local Nynas contact. Besides top quality oils, we offer a wide range of services, including rapid delivery worldwide, sample analysis, training, seminars and much more. All you have to do is ask. Find out more at www.nynas.com



Nytro Lynx

PROPERTY	UNIT	TEST METHOD ASTM	SPECIFICATION LIMITS		TYPICAL DATA
			MIN	MAX	
Physical					
Appearance		D 1524	Clear and bright		complies
Density, 15°C	kg/dm ³	D 1298		0.906	0.885
Viscosity, 40°C	mm ² /s	D 445		10.0	7.5
Viscosity, 100°C	mm ² /s	D 445			1.9
Viscosity, -40°C	mm ² /s	D 445		2500	2100
Viscosity, 0°C	mm ² /s	D 445		75	45
Flash Point, COC	°C	D 92	145		150
Pour Point	°C	D 97		-46	-63
Aniline Point	°C	D 611	63		70
Colour		D 1500		0.5	<0.5
Interfacial tension at 25°C	mN /m	D 971	40		48
Chemical					
Total acid No.	mg KOH/g	D 974		0.03	<0.01
Corrosive sulphur		D 1275 B	non-corrosive		non-corrosive
Antioxidant, phenols	Wt %	D 2668		0.40	0.3
Water content	ppm	D 1533		35	<20
PCB Content	ppm	D 4059	not detectable		not detectable
Electrical					
Dielectric dissipation factor at 100°C	%	D 924		0.5	<0.1
Breakdown voltage					
- As received	kV	D877	30		>40
- As received	kV	D 1816 (0.08"gap)	24		>50
- As processed	kV	D 1816 (0.08"gap)	56		>70
- Impulse breakdown	kV	D 3300	145		250
Gassing tendency	µl /min	D 2300B			negative
Oxidation Stability					
After 72 h		D 2440			
- Sludge	Wt %				0.01
- Neutralization No.	mg KOH/g				0.01
After 164 h					
- Sludge				0.05	0.01
- Neutralization No.				0.2	0.01
Rotating Bomb test	minutes	D 2112	195		250

Nytro Lynx is an inhibited insulating oil, meeting the specification CAN/CSA-C50-08 class A.

Severely Hydrotreated Insulating Oil
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