



NESTE KATKAISIJA 3 X

Transformer oil

Neste Katkaisija 3 X is made of top-quality chemically stable solvent-refined and hydrogen-finished base oils with an extremely low pour point, ensuring smooth operation in exceptionally cold conditions.

Special features of Neste Katkaisija 3 X:

- high breakdown voltage
- small electrical loss
- good oxidation resistance
- good cooling effect
- excellent below-zero temperature resistance

TYPICAL CHARACTERISTICS		min	max	
Densitykg/m ³ 15°C	864	855	895	
Flash Point°C (COC)	96			
Pour Point°C	< -70		- 60	
ViscositycSt/ 40 °C	3,06		3,5	
Viscosity @ 20 °C / cSt	5,05			
Viscosity @ -40 °C / cSt	137		150	ISO3104
Neutralization value / mg KOH/g	< 0,01		0,03	D974
Interfacial tension against water @ 25 °C / mN/m	49,5			D971
Oxidation stability: - inductin time / h	> 235			IEC 1125B
Dielectric strength: - untreated / kV	58	30		IEC156
Dielectric dissipation factor @ 90 °C	0,0005		0,005	IEC 247

Neste Katkaisija 3 X is used in transformers and electrical switches, particularly in cold conditions.
IEC 60296 (82), Class III A

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Technical service
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