

STATOIL VOLTWAY N3

Insulating

APPLICATIONS

VoltWay N 3 is recommended for all types of oil-filled circuit breakers at ambient temperatures ranging from -45 °C to +45 °C.

This product contains no corrosive sulfur.

CHARACTERISTICS

In order for oil-filled switches to work well, the oil used must exhibit extremely low viscosity in cold conditions. The oil is intended to insulate the live components and extinguish arcs that occur during switching.

VoltWay N 3 is a solvent-refined mineral oil with no additives. The oil is naturally stable to oxidation.

TYPICAL INSPECTIONS

CHARACTERISTICS	METHODS	UNITS	
Density at 20 °C	ASTM D 4052	kg/m ³	857
Viscosity at 40 °C	ASTM D 445	mm ² /s	3.1
Viscosity at -40 °C	ASTM D 445	mm ² /s	120
Pour Point	ASTM D 97	°C	<-70
Flash Point PM	ASTM D 93	°C	100
Acid Number	IEC 296	mg KOH/g	<0.01
Dielectric strength (as delivered)	IEC 156	kV	>30
(after treatment)	IEC 156	kV	>50

TESTS AND APPROVALS

Swedish Standard SEN 404 03 26.
IEC Publication 296 klass III (1982).
IEC Publication 474.
ASEA 7 1301-102 (11713011-102).

The right to change product specifications is reserved.

HANDLING AND STORAGE

Avoid skin contact.
Wash thoroughly with soap and water, after skin contact.
Dispose of used oils properly.
Safety data sheet available for professional user on request.



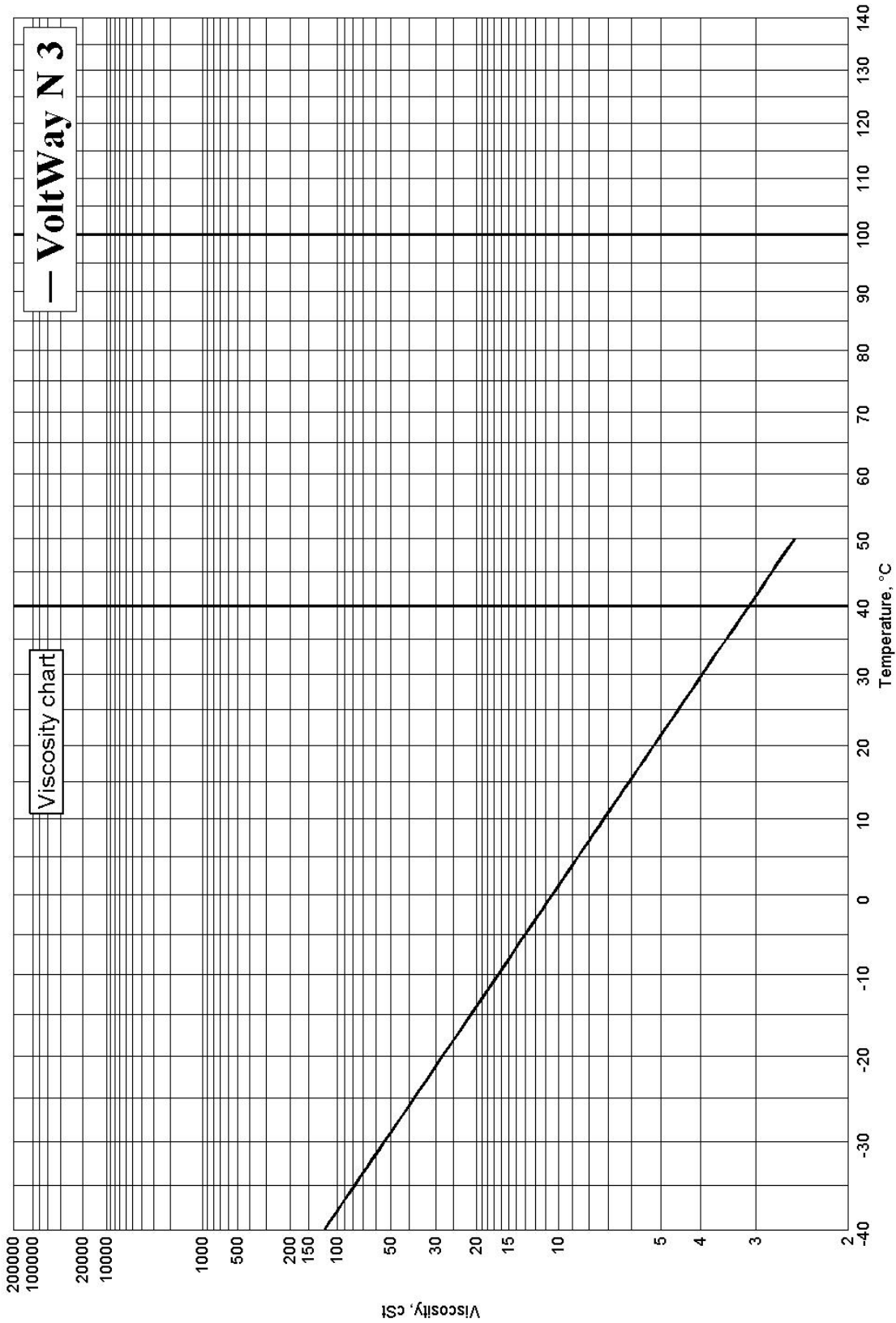
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Friction Fighters™

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