

# OWS Transflo 10

## Premium Quality Transformer Oil

OWS Transflo 10 is a premium class transformer oil, which was specially developed with extremely pure base oils and state of the art additives ensuring excellent oxidation stability. The low viscosity allies for a fast complete lubrication and cooling of the machine.

OWS Transflo 10 is a non-inhibited, dry isolation oil specially designed for use in Transformers. It is designed for use in extreme hot and cold conditions.

OWS Transflo 10 fulfils or exceeds the following specifications:

IEC 60296 Version 4.0

VDE 0370-1

DIN 51 353

IEC 62535

ASTM D1275-B

Test	Method	Unit	Result
Density @20°C	ISO 3675	kg / m <sup>3</sup>	< 881
Kinematic Viscosity @40°C	ISO 3104	mm <sup>2</sup> /s	< 12
Kinematic Viscosity @-15°C	ISO 3104	mm <sup>2</sup> /s	< 340
Kinematic Viscosity @-30°C	ISO 3104	mm <sup>2</sup> /s	< 1790
Flash Point P.M.	ASTM D93	°C	> 146
Pour Point	ISO 3016	°C	< -57
Neutralization Value	IEC 296	mg KOH/g	< 0.03
Corrosive Sulphur	DIN 51353		Non-corrosive
Breakdown Voltage	IEC 60156	kV	> 60 ex works (> 70 upon treatment)
Water Content (ex work)	IEC 60814	ppm	< 30 bulk
Dielectric dissipation factor at 90!C (after treatment)	DIN 57370		< 0.001
Oxidation Stability (164h/ 100°C) -Neutralization Number -Sludge Content	IEC 1125 A	mg KOH / g % m	< 0.2 <0.02
Oxidation Stability (164h/ 120°C) -Total Acidity -Sludge -Tana delta 90°C	IEC 1125 C / IEC 61125C	mg KOH/g %m	< 0.9 < 0.3 < 0.07

Typical properties are typical of those obtained with normal production tolerance and do not constitute a specification.

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