

ISOVOLTINE P2



Insulating oil



Inhibited mineral insulating oil.

APPLICATIONS

Insulating oil

- **ISOVOLTINE P2** oil is an inhibited mineral oil for transformers, switchgears, circuit breakers, welding set, and all high voltage electrical equipments.

SPECIFICATIONS

International specifications

- IEC 60296:2012 – Inhibited
- BS 148 Class IA
- KS C 2301
- JIS C 2320 Class 1, Class IA, IIA
- Suitable for the equipments requiring ASTM D 3487 Type II fluid.

ADVANTAGES

- Excellent resistivity, power factor and dielectric strength.
- Low viscosity for effective cooling
- Outstanding oxidation resistance providing long life.
- Very low pour point.
- No impurities such as dissolved gas, water or suspended solids.
- Does not contain DBDS.
- Does not contain PCB.

TYPICAL CHARACTERISTICS	METHODS	UNITS	ISOVOLTINE P2
Density at 20 °C	ISO 3675	g/cm ³	0.826
Kinematic Viscosity at 40 °C	ISO 3104	mm ² /s	7,80
Flash point (Pensky Martens, Closed Cup)	ISO 2719	°C	145
Pour point	ISO 3016	°C	-45
Acidity	IEC 62021-1	mg KOH/g	< 0.01
Water content	IEC 60814	ppm	17
Antioxidant additives	IEC 60666	%wt	< 0.3
Corrosive Sulfur	DIN 51353	-	Non Corrosive
Breakdown Voltage	IEC 60156	kV	> 30
DDF @ 90°C	IEC 60247	%	< 0.001
Oxidation Stability, 500 h			
- Sludge	IEC 61125-C	%wt	0.01
- Total Acidity		mg KOH/g	0.09

Above characteristics are mean values given as an information.

**TOTAL LUBRIFIANTS
INDUSTRIE**

26-04-2018 (supersedes 14-03-2016)

ISOVOLTINE P2

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This lubricant used as recommended and for the application for which it has been designed does not present any particular risk.

A material safety data sheet conforming to the regulations in use in the E.C. can be obtained from your local commercial adviser or down loaded from www.quick-fds.com.