

S-OIL TRANSFORMER OIL LT

HIGH PERFORMANCE ALKYL BENZENES ELECTRICAL INSULATING OIL

Product Description

S-OIL TRANSFORMER OIL LT is high performance insulating oil based on Alkylbenzenes. It provides excellent gas absorption properties and low temperature fluidity. It is suitable for use in electrical equipment in high electrical stress condition.

Applications

- Cables, capacitor under high electrical stress
- High voltage AC systems
- Application requiring no anti-oxidant

Features and potential benefits

- Proved anti-corrosion performance without anti-oxidant or passivator
- Excellent gas absorption performance
- Excellent low temperature fluidity
- Prevention of energy loss thanks to good electrical properties
- Bio-degradable fluid

Performance level

- IEC 60867 Class I (Alkylbenzenes)
- KS C 2301 Class 2-3

Typical Properties

Properties	Method	Units	S-OIL TRANSFORMER OIL LT
Appearance			Clear
Density @ 15°C	ISO 3675 or ISO 12185	g/cm ³	0.8498
Viscosity at 40°C	ISO 3104	cSt	4.977
Viscosity at 100°C	ISO 3104	cSt	1.623
Pour Point	ISO 3016	°C	< -70
Flash Point	ISO 2719	°C	155
Acidity	IEC 62021-1 or 62021-2	mg KOH/g	< 0.01
Water Content	IEC 60814	mg/kg	23
Breakdown Voltage (untreated/treated)	IEC 60156	kV	75
Dissipation Factor at 90°C	IEC 60247 or IEC 61620		< 0.002
Potentially Corrosive Sulphur	IEC 62535		Non Corrosive