

# TEK★STAR

LUBRICANTS

TOTAL PROTECTION



**TEK AX INHIBITED  
TRANSFORMER OIL**



# TEK AX INHIBITED TRANSFORMER OIL

**TEK AX INHIBITED TRANSFORMER OIL** is an inhibited electrical insulating oil manufactured from highly refined mineral oils. It is formulated with an oxidation inhibitor to minimize formation of acids and sludge in service to minimize oil deterioration and extend the operating life of the immersed components. It meet the specifications defined in ASTM D 3487.

## CUSTOMERS BENEFITS

- Extended oil life
- System efficiency
- Transformer protection
- Low pour point and low viscosity
- Excellent oxidation stability

## APPLICATIONS

- Transformers; Electrical insulating oil for grid and industrial transformers.
- Electrical equipment; Components such as rectifiers, circuit breakers and switchgears

## TYPICAL PHYSICAL CHARACTERISTICS

Specifications / Especificaciones	Method	TEK AX
<b>Kinematic viscosity at 0 °C</b>	ASTM D 445	59
<b>Kinematic viscosity at 40 °C</b>	ASTM D 445	9
<b>Kinematic viscosity at 100 °C</b>	ASTM D 445	2.1
<b>Flashpoint COC</b>	ASTM D 92	150
<b>Pourpoint</b>	ASTM D 97	-56
<b>Aniline point</b>	ASTM D 611	69
<b>Appearance</b>	ASTM D 1524	Clear & Bright
<b>Density at 15 °C</b>	ASTM D 1298	889
<b>Interfacial tension @ 25 °C</b>	ASTM D 971	40
<b>Corrosive Sulphur</b>	ASTM D 1275	Not corrosive
<b>Water content</b>	ASTM D 1533	<29
<b>Oxidation Inhibitor content</b>	ASTM D 1473	Complies
<b>Dielectric Breakdown Voltage Oil as received</b>	ASTM D 1816	39
<b>After treatment</b>	ASTM D 1816 (VDE) ASTM D 1816 (VDE)	>71
<b>Dielectric Breakdown voltage Impulse</b>	ASTM D 3300	>305
<b>Dielectric Dissipation Factor (DDF) at 100 °C</b>	ASTM D 924	0.1
<b>Oxidation Stability @ 72 hrs / 164 hrs Sludge</b>	ASTM D 2440	<0.01/0.01
<b>Total acid number</b>		<0.01/0.1
<b>Oxidation Stability (RPVOT)</b>	ASTM D 2112	238
<b>Gassing Tendency</b>	ASTM D 2300	Complies

**TEK AX INHIBITED TRANSFORMER OIL** es un aceite aislante eléctrico inhibidor, fabricado a partir de aceites minerales altamente refinados. Está formulado con un inhibidor de la oxidación para minimizar la formación de ácidos y lodos, reduciendo al mínimo el deterioro del aceite y prolongando la vida útil de los componentes. . Cumple con las especificaciones definidas en ASTM D 3487.

## BENEFICIOS PARA EL CLIENTE

- Extiende la vida del aceite
- Eficiencia del Sistema
- Protección de transformadores
- Bajo punto de fluidez y baja viscosidad
- Excelente estabilidad a la oxidación

## APLICACIONES

- Transformadores; Aceite aislante eléctrico para transformadores industriales.
- Equipos eléctricos; componentes como rectificadores, interruptores automáticos y seccionadores.



These are typical values subject to stringent industry tolerances. Consult the Material Safety Data Sheet (MSDS) for safety and handling information.

Estos son valores típicos sujetos a las tolerancias estrictas de la Industria. Para el manejo del producto consulte la hoja de seguridad (MSDS)



Web: [www.tekstarlubricants.com](http://www.tekstarlubricants.com)  
Product Information: +1-833-434-1321  
MSDS Requests: +1-833-434-1321