SOK
Contact Treatment Oil 8X

SOK was developed as an extension of the Electrolube 2X range of lubricants, specifically developed to have enhanced electrical and mechanical properties and is particularly useful for automotive switch applications. The low viscosity of the oil makes it ideal for use in intricate switches, such as ignition switches, where the lubricant must be able to flow into small gaps. SOK is also ideal for micro-switches were low contact pressures exist.

- Excellent thermal stability; low evaporation weight loss at 125°C
- Good low temperature performance; down to -40ºC
- Oil version; use on intricate switches and micro-switches with low contact pressures
- Highly stable synthetic material, fully inhibited against oxidisation and copper corrosion; silicone free

Approvals	**RoHS Compliant (2015/863/EU):**	**Yes**

Typical Properties

Colour	Yellow
Density (g/ml)	1.0
Temperature Range (°C)	-40 to +200
Evaporation Weight Loss (% 7 days @ 100°C)	0.3
Evaporation Weight Loss (% 7 days @ 125°C)	0.5
Water Content (ppm)	22
Neutralisation Value (mgKOH/g)	0.77
Ash Content (%)	0.06

Electrical Properties:

Breakdown Voltage (BS148 (kV))	44

Description	Packing	Order Code	Shelf Life
SOK – Contact Oil 8X	1kg Bulk	SOK01K	72 Months

Copyright Electrolube 2013

All information is given in good faith but without warranty. Properties are given as a guide only and should not be taken as a specification.

Electrolube cannot be held responsible for the performance of its products within any application determined by the customer, who must satisfy themselves as to the suitability of the product.

Ashby Park, Coalfield Way,
Ashby de la Zouch,
Leicestershire LE65 1JR
T +44 (0)1530 419 600
F +44 (0)1530 416 640
BS EN ISO 9001:2008
Certificate No. FM 32082

Directions for Use

Before final treatment with Electrolube lubricants, contact surfaces should be clean and dry. For general removal of dirt, Electrolube Ultrasolve is recommended. Hardened dirt and tarnish, especially on larger contacts, should be removed by rubbing with an abrasive material, which can be impregnated with the lubricant to be used.

After cleaning non-wiping contacts, loosened tarnish should be removed before a final application of lubricant is made. Electrolube Contact Cleaning Strips (CCS) are recommended for this purpose. With wiping contacts, loosened tarnish will be pushed aside. This can be removed if desired, but is usually not necessary, due to the excellent lubricating and protective properties of the contact lubricant.

SOK can be applied by one of the following methods (although this list is not exhaustive):

Manually applying to the contact surface
Semi-automated using manually operated bench top dispensing equipment
Fully automated by way of an automated dispensing system

In production processes, contact lubricant should be applied to the contact components as soon as possible after manufacture or plating to protect against handling contamination and tarnishing.

Typical Product Applications

SOK can be used on all types of electrical contacts, but is particularly suitable for use on automotive switches and contacts. Testing in the end application conditions is advised prior to use, particularly where sensitive thermoplastics are present.

Revision 2: Jan 2019

Copyright Electrolube 2013

All information is given in good faith but without warranty. Properties are given as a guide only and should not be taken as a specification.

Electrolube cannot be held responsible for the performance of its products within any application determined by the customer, who must satisfy themselves as to the suitability of the product.

Ashby Park, Coalfield Way,
Ashby de la Zouch,
Leicestershire LE65 1JR
T +44 (0)1530 419 600
F +44 (0)1530 416 640
BS EN ISO 9001:2008
Certificate No. FM 32082