



# Santex Landfill Gas Compressor Oil

## PRODUCT INFORMATION

Santex Landfill Gas Compressor Oil-100 (SLCG 100) is a specially formulated compressor lubricant designed to be inert to reactive and corrosive gases encountered in landfills, refineries, EOR and chemical process plants. SLCG-100 is based on 100 % pure synthetic PAO. It's extremely low vapor pressure results in minimal carryover past the separator. It does not contain sulfur or other impurities associated with petroleum based products that might react with the acids, chlorinated compounds or sour gases found in various applications. PAOs are fully saturated compounds and do not contain the alkenes or aromatics found in group I, II or even the group III mineral oils touted as being "pure." SLCG-100 is ester free and not subject to hydrolysis issues encountered with most esters when used in acidic environments. SLCG-100 is designed to result in longer fluid and equipment life for rotating compressors in corrosive and reactive environments.

## BENEFITS

SLCG-100 will protect oil wetted parts against the corrosive effects of common acids and water. It is engineered with superior technology to inhibit the effects of sour gases such as hydrogen sulfide or carbon dioxide on metal surfaces found within the oil wetted parts of a compressor.

## APPLICATIONS

SLCG-100 is suitable for use in certain chloride containing environments where the use of mineral oil, esters or synthetic polyglycols (PAGs) are not permitted. Lubricants that are reactive with a gas stream may form by-products that are harmful to equipment or the environment. Solids may form and cause fouling or plugging issues in certain applications

## SLCG-100

Viscosity Grade	ISO 100
Viscosity	
@ 40°C, cSt	110
@ 100°C, cSt	14.25
@ 100°F, SUS	510
@ 210°F, SUS	75
Viscosity Index	142
Pour Point, °F (°C)	-60 (-51)
Flash Point, °F (°C)	530 (277)
Molecular Weight	895

For additional product information contact your local distributor representative or email us at [Info@santexdirect.com](mailto:Info@santexdirect.com)