

TECHNICAL DATA SHEET | INDUSTRIAL

# Engen Genair SPL S-Series

*Synthetic Polyalphaolefin Air Compressor Lubricants*



Corrosion  
Protection



High  
Temperature



Synthetic



**PETRONAS**

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## Description

Genair SPL S-Series lubricants are high performance, synthetic Polyalphaolefin based compressor lubricants designed to provide long term lubrication of both oil flooded rotary screw and vane compressors. They contain additives that provide superior oxidation and thermal stability for a wide application temperature range, low residue formation and good rust and corrosion protection.

## Benefits & Features

- Excellent oxidation and thermal stability.
- Excellent protection against wear.
- Low volatility.
- Reduced oil consumption.
- Long service life of up to 8000 hours (where allowed by manufacturers).
- Compatible with mineral oils.
- Seal compatible.

## Application

Genair SPL S-Series lubricants are recommended for the lubrication of rotary air compressors, particularly oil flooded types which operate under continuous severe service conditions and offer a typical extended oil life of up to 8000 hours (where allowed by manufacturers). They exceed conventional mineral oils in chemical stability and ability to resist the formation of carbonaceous deposits but are compatible with the same seal materials used in equipment normally lubricated with conventional mineral oils. These superior performance lubricants are suitable for use in,

- Reciprocating compressors where the viscosity grade suits the application.
- Genair SPL S-68 is also approved for use in Grasso screw compressors Types C ... XF in high temperature applications and for feed gas control compressors for gas turbines. See also Genair SPL R-Series lubricants.



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## Typical Physical Characteristics

ENGEN GENAIR SPL S-SERIES				
PARAMETERS	METHODS	UNITS	TYPICAL VALUES	
ISO Viscosity Grade	ISO 3448	-	46	68
Viscosity @ 40°C	ASTM D445	cSt	45	68
Viscosity @ 100°C	ASTM D445	cSt	7.5	10.5
Viscosity Index	ASTM D2270	-	138	145
Flash Point	ASTM D92	°C	268	268
Pour Point	ASTM D5950	°C	-54	-52
Density @ 20°C	ASTM D4052	g/cm3	0.840	0.834
Copper Strip Corrosion, 3HRS, 100°C	ASTM D130	-	2a	1b
FZG Scuffing, Fail Load Stage, A/8.3/90	ISO 14635-1	-	12	12

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All technical data is provided for reference only. These characteristics are typical of current production. Whilst future production will conform to Engen's specification, variations in these characteristics may occur.

## Health, Safety and Environment

This product is unlikely to present any significant health and safety hazards when used in the recommended application. Avoid contact with skin. Wash immediately with soap and water after skin contact. Do not discharge into drains, soil or water. For further detail regarding storage, safe handling, and disposal of product, please refer to product SDS.

Safety Data Sheets are available for all our products and should be only be consulted for appropriate information regarding storage, safe handling and disposal of the product. No responsibility shall be taken by either Engen or its subsidiaries and related holding corporation for any loss or injury or any direct, indirect, special, exemplary, consequential damages or any damages whatsoever, whether in action of contract, negligence or other tortious action, in connection or resulting from abnormal use of the materials and/or information, from any failure to adhere to recommendations, or from hazards inherent in the nature of the materials and/or information. All products, services and information supplied are under our standard conditions of sale.

Please consult with any of our local representative in the event you require any further information.

For more information about this product and other products in our range please scan the following:



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