

TECHNICAL DATA SHEET | INDUSTRIAL

# Engen Genair SPL R-Series

*Synthetic Di-Ester Air Compressor Lubricants*



Corrosion  
Protection



High  
Temperature



Synthetic



**PETRONAS**

Engen is a  
member of the  
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## Description

Genair SPL R-100 and R-150 are synthetic Di-Ester compressor lubricants, formulated with the latest additive technology, and designed to provide high temperature and long-term lubrication with minimal deposit formation. They offer the advantages of lower volatility and flammability over conventional mineral oils.

## Application

Genair SPL R-Series lubricants are superior performance lubricants recommended for the lubrication of cylinder and crankcases of:

- Reciprocating air compressors
- Process gas compressors

They are especially effective in multi-stage units where there has been a history of excessive oil degradation, deposits on valves, etc, whether in large or small cylinders or with high or low pressures.

## Benefits & Features

- Excellent oxidation and thermal stability
- Reduced oil consumption
- Extended oil drain intervals
- Increased carbon-free valve life
- Eliminates virtually all varnish, sludge, and deposits
- Wide application temperature range
- Reduced fire and explosion hazards
- Superior demulsibility
- Seal compatible



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## Typical Physical Characteristics

ENGEN GENAIR SPL R-SERIES				
PARAMETERS	METHODS	UNITS	TYPICAL VALUES	
ISO Viscosity Grade	ISO 3448	-	100	150
Viscosity @ 40°C	ASTM D445	cSt	100	148
Viscosity @ 100°C	ASTM D445	cSt	11	14.2
Viscosity Index	ASTM D2270	-	95	93
Flash Point	ASTM D92	°C	249	>250
Pour Point	ASTM D5950	°C	-39	-34
Density @ 20°C	ASTM D4052	g/cm3	0.938	0.929
Copper Strip Corrosion, 3HRS, 100°C	ASTM D130	-	1b	1b

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.

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

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