

# Engen Genair Series

## Air Compressor Oils



**PETRONAS**

Engen is a member of the PETRONAS Group



Corrosion Protection



High Temperature

## Description

Genair Series are Compressor Safety Oils resistant to the formation of deposits that could create fire and explosion hazards. Manufactured from mineral base paraffinic stocks of high Viscosity Index, these properties are further enhanced by the incorporation of additives which give these grades a unique control over oxidation, rust, corrosion and wear. Genair 46, 68 and 100 meet the stringent DIN 51506 VD-L requirements which include high resistance to oxidation and deposit formation as measured in the DIN 51352-1 Oxidation Test. In addition, they meet the Pneuop Oxidation Test (DIN 51352-2) and the low volatility requirements as measured in DIN 51356. All grades conform strictly to the ISO viscosity grading system.

## Application

Genair Oils are recommended for the lubrication of:

- Reciprocating air compressors (ISO VG 100)
- Rotary vane compressors
- Screw compressors
- Axial and centrifugal compressors
- Compressor systems fitted with critical gears and bearings

Genair 46 is capable of providing oil maintenance intervals of up to 4000 hours (where allowed by manufacturers).

## Benefits & Features

- Superior oxidation stability.
- Extended drain intervals.
- Reduced compressor deposits.
- Reduced fire and explosion risk.
- Reduced wear.
- Reduced crankcase oil consumption.
- Seal compatible.

## Performance Level

Meets or exceeds the following Industry Standards:

- DIN 51506 VD-L
- DIN 51352-1
- DIN 51356



With us you are Number One

**ENGEN**

## Typical Physical Characteristics

ENGEN GENAIR SERIES					
PARAMETERS	METHODS	UNITS	TYPICAL VALUES		
ISO Viscosity Grade	ISO 3448	-	46	68	100
Viscosity @ 40°C	ASTM D445	cSt	46	65	100
Viscosity @ 100°C	ASTM D445	cSt	7	8	11
Viscosity Index	ASTM D2270	-	100	100	100
Flash Point	ASTM D92	°C	240	250	210
Pour Point	ASTM D5950	°C	-18	-18	-9
Density @ 20°C	ASTM D4052	g/cm3	0.871	0.869	0.881
Copper Strip Corrosion, 3HRS, 100°C	ASTM D130	-	1a	1a	1a
FZG Scuffing, Fail Load Stage, A/8.3/90	ISO 14635-1	-	11	11	11

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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+27 8600 36436