

# CBA 100 AU

Natural gas compressor oil for water saturated Coal Seam Gas (CSG) environments in Australia



## Your benefits at a glance

- Excellent water demulsibility
- Excellent anti-foam performance
- Excellent protection against corrosion from chlorides and other salts when water is also present within the gas stream
- Outstanding corrosion protection of metal surfaces against acids and water across very high and low pH environments:
  - Protection against low pH conditions reducing issues such as copper corrosion
  - Protection against high pH conditions reducing 'chloride corrosion' & hydrogen embrittlement
- Increased Anti-Wear properties

## Your requirements - our solution

CBA 100 AU is an advanced formulation designed for natural gas applications, particularly unique water saturated Coal Seam Gas (CSG) environments in Australia.

CBA 100 AU is a premium semi-synthetic lubricant, incorporating a unique additive system specifically designed to provide advanced performance against extreme environments including gas streams with the presence of H<sub>2</sub>O, sour gas (H<sub>2</sub>S>4ppm), CO<sub>2</sub>, elemental sulphur and concentrated chloride salts that can contribute

towards problems such as early bearing failures.

CBA 100 AU is specifically engineered to significantly improve the life of compressor parts and the compressor integrity, reducing Total Cost of Ownership.

## Application

CBA 100 AU provides extended lubricating fluid and equipment life in corrosive and reactive environments.

CBA 100 AU provides lower maintenance and operating costs due to significantly reduced carbon and varnish formation. The optimized formulation inhibits corrosive effects of wet gases incorporating CO<sub>2</sub> and H<sub>2</sub>S often found in natural gas.

Please consult with a Klüber or Summit Lubrication expert about the suitability of Summit CBA 100 AU in your specific application.

## Material safety data sheets

Material safety data sheets can be requested via our website <https://www.klsummit.com>. You may also obtain them through your contact person at Summit Lubrication.

Characteristics	CBA 100 AU
Article number	340577
Density, 20°C	approx. 0.876 g/cm <sup>3</sup>
Flash point, ASTM D92, Cleveland open cup	≥ 220 °C
ISO viscosity grade, DIN ISO 3448, ISO VG	100
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 100°C	approx. 10.9 mm <sup>2</sup> /s
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 40°C	approx. 97.0 mm <sup>2</sup> /s
Viscosity index, ASTM D2270	approx. 96
Copper corrosion, ASTM D130, 3 h, 100°C	1 - 100 - 3 corrosion degree

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Characteristics	CBA 100 AU
Steel corrosion, DIN ISO 7120 / ASTM D665, method B, 24 h, 60°C	rust-free
Pour point, DIN ISO 3016, ASTM D97, ASTM D5950, ASTM D7346	approx. -18 °C
Four-ball tester: wear characteristics, ASTM D4172, method: B, 1200 min <sup>-1</sup> / 40 kgf, 60 min, 75°C	approx. 0.38 mm
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	36 months

## Summit Lubrication

Your expert in specialty lubricants. Since 1982, we have partnered with you to bring you the right solution and advanced lubrication technologies. With over 500 products, from air and gas compressor oils to refrigeration oils, we develop top-of-the-line products tailored to your specific needs. Your success is our success.

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