

Atlas Copco Gas and Process Solutions

Gas and Process Oil: Serving Your Productivity



Sustainable Productivity

Atlas Copco

Serving Your Productivity

Continuity is the greatest priority in your production plant.

Production downtime is not only very costly, it can also endanger your productivity. Our main objective: preventing such downtime, not only with our service offering but also with Gas and Process Oil. It's a lubrication oil of the highest quality, and it enjoys a highly valued reputation all over the world.

Overview

Gas and Process Oil is produced from high quality base oils treated with hydrogen and a combination of zinc-free additives. This composition guarantees an excellent oxidation consistency, high corrosion protection, low foaming properties, and excellent emulsification characteristics.

Application areas

There are two Gas and Process Oil products available:

- **Turbo Oil Plus VG 46**
- **Gas and Process Fluid VG 32**

Both are suitable for thrust bearings and mechanical gears.

Gas and Process Oil can be used for our entire range of turbo compressors and expansion turbines. It ensures a high-quality lubrication and smooth operation.

Benefits for you

Low lubrication costs

Gas and Process Oil offers a long life span – even under demanding operating conditions.

Low maintenance costs

Gas and Process Oil protects your plant in the long run against rust and corrosion. Properties even under the influence of water and foreign oil contamination ensure that the problems associated with blocked filters are significantly reduced.

Gas and Process Oil has been developed and tested especially for Atlas Copco Gas and Process products, thus fulfilling the guarantee requirements for our machines.

Always a step ahead of the game

Not only does our Gas and Process Oil meet the most important international specifications, it also exceeds them:

- Siemens – Westinghouse 21T0591
- DIN 51515 Part 1 & 2
- ISO 8068
- BS 489-1999
- ASTM D4304, Type I

Characteristics for more performance

High thermal and oxidation stability

The use of base oils with high oxidation stability and the addition of oxidation inhibitors prevents loss of quality through oxidation.

That, in turn, results in a longer life span, reduced occurrence of acid oxidation deposits, and the formation of sludge.



Superior water separation properties

These properties make it possible to easily remove surplus water from the lubrication system, thereby minimizing the incidence of corrosion and premature wear and tear.

Excellent filtration properties

Gas and Process Oil has very good filtration properties, even under the influence of water and foreign oils such as hydraulic oil.

Excellent corrosion protection

Gas and Process Oil offers excellent corrosion protection. That prevents the formation of rust and corrosion during operation and during stand-by times, while also affording protection to both plant and machines from moisture and water.

Low foaming tendency and quick air separation

Our Gas and Process Oil contains a special additive to inhibit foam build-up. But in the event that foam does develop, it will dissipate quickly.

Operating in combination with the oil's superior air separation properties, problems associated with cavitation, hydraulic lubrication failure, premature oxidation, and excessive wear and tear are effectively minimized.

Quality control

Using oil analysis, the quality of Gas and Process Oil can be determined and analyzed. For this purpose, Atlas Copco Gas and Process offers an oil analysis kit. Within 24 hours of receiving the oil sample, you will receive a laboratory report in PDF format.

Drawing from another valuable tool, we work with a database containing all laboratory reports that have been performed for our customers. We recommend that you perform an oil analysis once per year.



Atlas Copco Order No.

Turbo Oil Plus VG46

6970 298 401

Gas and Process Fluid VG32

6970 390 628

Oil Analysis Set

6970 298 923

Gas and Process Division

Our points of contact worldwide



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