



# TURMOXYGEN LCO 270

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**TURMOXYGEN LCO 270** is a sliding agent for oxygen facilities.

**TURMOXYGEN LCO 270** is **BAM** tested for the use in fittings and other applications with gaseous or liquid oxygen. The **BAM** is the Federal Institute for Materials Research and Testing in Berlin.

**BAM-registration No.: 2-2944/2014 II** for use in fittings and other applications with **gaseous oxygen**.

Oxygen pressure up to max. 60°C = max. 450 bar

**BAM-registration No.: 2-2944/2014 II** for use in fittings and other applications with **liquid oxygen**.

No safety concerns

## Special properties

- High oxidation resistance
- Long life at high temperatures
- Neutral towards materials like metals, plastics and elastomers
- Not inflammable

Product Characteristics	Value	Dimension	Norm / Standard
Colour	white		
Density at 20°C	2,01	g/cm <sup>3</sup>	DIN 51757
Operating temperature range	-40 to 260	°C	
Thickener	inorganic thickener		
Base oil	PFPE		
Unworked penetration	265 - 295	mm/10	DIN ISO 2137
Consistency class (NLGI)	2		DIN 51818
Dropping point	none	°C	DIN ISO 2176

## Application

**TURMOXYGEN LCO 270** is used for lubrication of fittings and sealing elements as well as for slideways in contact with oxygen. Similarly is used to lubricate oxygen lances in steel mills, oxygen units in medical equipment and diving stations.

Before application of **TURMOXYGEN LCO 270** clean surfaces thoroughly. The lubricating properties will be only achieved on clean and dry materials.

## Packaging units

100 g tube, 200 g tube, 0,5 kg can, 1 kg can, 5 kg hobbock