



TURMOXYGEN LCO 25

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TURMOXYGEN LCO 25 is a sliding agent for oxygen facilities.

TURMOXYGEN LCO 25 is BAM tested for the use in fittings and other applications with gaseous oxygen. The BAM is the German Institute of Materials research and Testing in Berlin.

BAM-registration No.: 16016209

- Oxygen pressure up to max. 200°C = 180 bar

BAM-registration Nr.: 2-387/2011

- Oxygen pressure up to max. 300°C = max. 60 bar

Special properties

- High oxidation resistance
- Neutral towards materials like metals, plastics and elastomers
- Not inflammable
- High temperature stability

Product Characteristics	Value	Dimension	Norm / Standard
Colour	white		
Density at 20°C	2,02	g/cm ³	DIN 51757
Operating temperature range	-30 to 240	°C	
Thickener	inorganic thickener		
Base oil	PFPE		
Unworked penetration	250 – 310	mm/10	DIN ISO 2137
Dropping point	none	°C	DIN ISO 2176

Application

TURMOXYGEN LCO 25 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 in diving stations.

Prior to the initial lubrication with **TURMOXYGEN LCO 25** it is mandatory to clean surfaces thoroughly. Optimum lubricating properties can only be fully achieved on clean and dry material surfaces.

Packaging units

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