



FOMBLIN OT20 (DTD 900/6080)

Perfluoropolyether grease developed primarily for oxygen systems. Used on breathing apparatus in Ministry of Defense aircraft, sub-sea equipment and operating theatres in hospitals. Ideal for valves, slides, gearboxes and both plain and anti-friction bearings. Additionally its resistance against aggressive chemicals and oxidising agents makes it a natural choice for use in the chemical, dry cleaning, food and related industries.

FEATURES

- Ø Temperature range -70°C to 100°C
- Ø Outstanding EP performance (620kg weld load)
- Ø Excellent chemical resistance
- Ø Very long lubrication intervals in aggressive environments
- Ø Suitable for oxygen applications
- Ø Excellent low temperature resistance
- Ø Meets DTD 900/6080 (AFS 1732A)

DIRECTIONS FOR USE

- Ø Apply manually or by suitable applicator capable of handling NLGI No 2 greases
- Ø Compatible with most perfluoropolyether greases, however it is recommended that bearings be purged of previous lubricants before application
- Ø If the previous lubricant used was not perfluoropolyether based, it is important to ensure that the bearings are fully cleaned with a suitable solvent, for example ROCOL Industrial Cleaner Rapid Drying Spray, before charging with Fomblin OT20

Technical and Safety Data Sheets are available from:

Fax Back Facility : +44 (0)113 232 2770
Web Site : www.rocol.com
Customer Service : +44 (0)113 232 2700

Issue 16190b: Jan-04

ROCOL Lubricants

ROCOL House, Swillington, Leeds LS26 8BS, England.

Tel: +44 (0)113 232 2600 Fax: +44 (0)113 232 2760

www.rocol.com

ROCOL is a BS EN ISO 9001 registered company.

ROCOL is a trade mark of ITW Inc.

The information in this publication is based on our experience and reports from customers. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.



FOMBLIN OT20 (DTD 900/6080)

TECHNICAL DATA (typical values)

Appearance	Soft white grease
NLGI No. (IP 50)(ASTM D217)	NLGI No. 2
Base type	Perfluoropolyether
Base fluid viscosity at 20°C	31 - 39 cSt
Thickener	PTFE
Temperature range	-70°C to 100°C
Oil Separation (30 hrs at 66°C)	6%
Specific gravity	1.87
Shell 4 ball (IP 239)(ASTM D2596)	
Weld load	620 kg
Oxygen Pressure / Temperature Rating (BAM Berlin)	80 bar at 60°C
Solvent / Chemical Resistance	
All organic solvents	Fluorine / chlorine / bromine
All organic acids	Hydrochloric acid
Tributylamine	Hydrofluoric acid
Quinoline	Sulphuric acid
Potassium and sodium hydroxide	Orthophosphoric acid
Sodium carbonate	Ferric chloride / zinc chloride
Potassium chloride	Boron trifluoride
Fomblin OT20 is soluble in:	Fluorinated solvents
Specifications	DTD 900/6080 (AFS 1732A)
Storage	Storage temperature should be controlled to between 1 and 40 °C.
Pack sizes	100g

Issue 16190b: Jan-04

2

ROCOL Lubricants

ROCOL House, Swillington, Leeds LS26 8BS, England.

Tel: +44 (0)113 232 2600 Fax: +44 (0)113 232 2760

www.rocol.com

ROCOL is a BS EN ISO 9001 registered company.

ROCOL is a trade mark of ITW Inc.

The information in this publication is based on our experience and reports from customers. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.

TECHNICAL DATA