



SAPPHIRE ENDURE

**Food grade high performance EP lubricant fortified with PTFE.
Non-toxic lubricant designed for long term lubrication of chains, valves,
bearings, slides & small gears operating in aggressive environments.**

FEATURES

- Ø Temperature range -25°C to 280°C
- Ø Outstanding EP performance (500kg weld load)
- Ø Extremely stable at high temperatures
- Ø Greatly extended lubrication intervals
- Ø Excellent water and chemical resistance
- Ø Does not contain: mineral hydrocarbons, animal derived materials, nut oils or genetically modified ingredients.
- Ø FDA Group 21 CFR 178.3570
- Ø NSF H1 registered – 123718
- Ø DIN V 10517

DIRECTIONS FOR USE

- Ø Apply manually or with a suitable applicator e.g. ROCOL Grease gun.
- Ø Thoroughly clean the equipment prior to application.
- Ø Sapphire Endure should not be mixed with any other lubricant.

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

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ROCOL Lubricants

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

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

www.rocol.com

www.rocolshop.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



SAPPHIRE ENDURE

TECHNICAL DATA (typical values)

Appearance	Smooth, white grease
NLGI No. (IP 50)(ASTM D217)	NLGI No. 2
Base type	Perfluorinated polyether
Thickener	PTFE
Temperature range	-25 ⁰ C to 280 ⁰ C
Drop point	>280 ⁰ C
Base fluid viscosity at 20 ⁰ C	1525 cSt
Base fluid viscosity at 40 ⁰ C	420 cSt
Base fluid viscosity at 100 ⁰ C	40 cSt
Shell 4 ball (IP 239)(ASTM D2596)	
Weld load	500 kg
Load-wear index	106 kg
Oil separation (IP 121)	
30 hours at 204 ⁰ C	13%
Storage	Storage temperature should be controlled to between 1 and 40 °C.
Pack sizes	100g tube, 700g cart, 1kg, 5kg

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