

TECHNICAL DATA SHEET

AIMOL Greaseline Lithium Complex EP 2 S

Lithium complex grease with a synthetic base oil

DESCRIPTION

AIMOL Greaseline Lithium Complex EP 2 S is a high efficiency grease providing bearing lubrication for a wide range of operating temperatures from -40 up to 180 ºC . This grease is capable of working under very severe operating conditions with combination of speed, temperature and loads. Specially formulated with a synthetic base oil to provide high chemical and thermal resistance and a high lubricating capacity.

APPLICATIONS

- Bearings operated in applications with cooling water
- Paper industry
- Steel industry
- Cement and construction industry

BENEFITS

- High compatibility with plastics and elastomers
- Excellent anti corrosive and anti oxidant properties
- Resistance to shearing and water washout
- Increased lubrication intervals
- Increased bearing life
- Superior performance as heavy duty grease

TYPICAL FIGURES

		S HT 1/2	S HTH 1/2
Colour		Ivory	
Thickener		Lithium complex	
Base oil nature		PAO+ester blend	
Base oil viscosity @ 40 °C, cSt		250	460
NLGI class	DIN 51818	1,5	1,5
Dropping point, ºC	ASTM D566	>250	>250
Oil separation, 18h/140 ºC		0.5	0,5
Penetration 60W, x 0,1 mm	ASTM D217	290-320	290-320
4-ball wear test • Welding load, kg • Wear scar diameter 1h/40kg, mm	IP 239	 240 0,60	 240 0,6
EMCOR corrosion test	DIN 51802	1	1
Copper strip corrosion @ 24h/100 ºC		1b	1b
Water washout @ 80 ºC, %	ASTM D1264	7	7
Oxidation stability, 100 ºC, kg/cm2	ASTM D942	0,5	0,5
Evaporation loss, 22hr/120 ºC, %	ASTM D972	0,3	0,3
Flow pressure • @ -35 ºC, mbar	DIN 51805	 700	 700

ANGLO INTERNATIONAL MINING B.V
Haringvliet 543, 3011 ZP Rotterdam
The Netherlands

T +31 (0)10 28 27 927
E-mail: info@aimol.nl

www.aimol.nl

Version 5/6/2015



• @ -30 °C, mbar		750	750
Operating temperatures, ºC		-40 – 180	-40-180

TECHNICAL DATA INFO LINE

Should you require additional information or advice on AIMOL products, please contact us as per the details below.

HEALTH AND SAFETY

AIMOL Greaseline Lithium Complex EP 2 S has no adverse health effects provided it is used as directed.

DISCLAIMER

Typical figures as indicated may vary per production cycle and can change at manufacturers' option. Specifications, however, are guaranteed. Because of continuous product research and development, the information within this data sheet is subject to change without any notification. Although every effort is made to ensure accurate information, A.I.M. bv accepts no liability for any loss or damage suffered caused by the incorrectness and/or incompleteness of this text, and as a result of using this product for any application other than explicitly stated in this data sheet.