



AZMOL LUVANA, GREASE WR

Features:



k-Li, Li THICKENERS



Li-Ca, Anhydr-Ca THICKENERS

Advantages:



INCREASED
EFFICIENCY



GOOD MECHANICAL
STABILITY



PROTECTION IN HEAVY OPERATION
CONDITIONS

Application:



Table of physical and chemical parameters on the basis of the British laboratory OCLS

Index name	 AZMOL LUVANA LX 2	 Shell Gadus S3 V 220 C2	 Mobilgrease XHP 222
NLGI клас	0	0	0
Worked Penetration 0.1mm / Пенетрация	290	293	279
Oil Separation 24 hrs 100 ⁰ C / Отделяне на маслото	4.0%	9.9%	5.2%
Copper Strip 24Hours @ 80 ⁰ C / Корозия на медна пластинка	1A	1A	1A
Drop Point deg C / Температура на прокапване	248	245	243
4-Ball Weld Load kg / Натоварване на заваряване, кг	450	400	355
Water ppm / Вода ppm	130	258	243
Additives ppm., Zinc	1917	1587	2181
Phosphorus	1935	284	2009
Calcium	61	138	0
Potassium	1	0	0
Lithium	4544	2154	1865



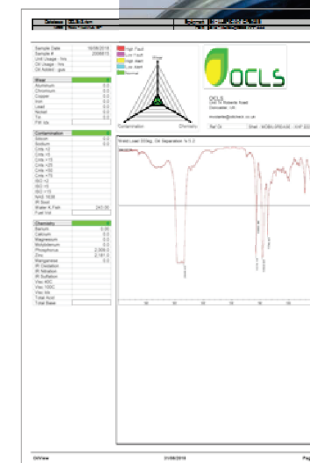
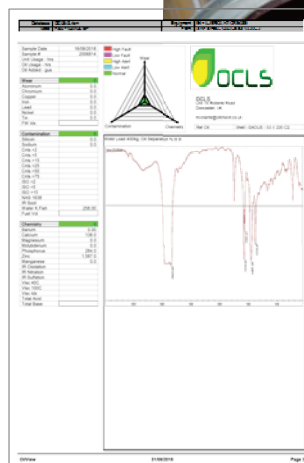
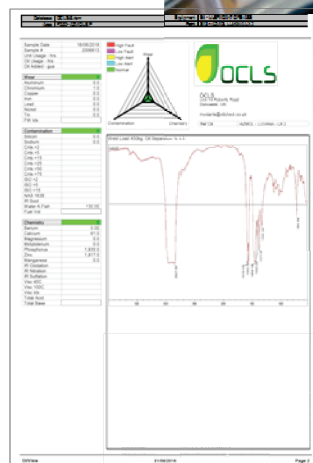
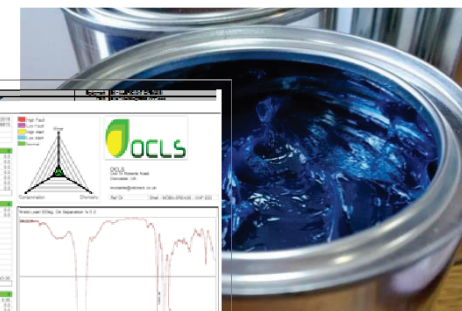
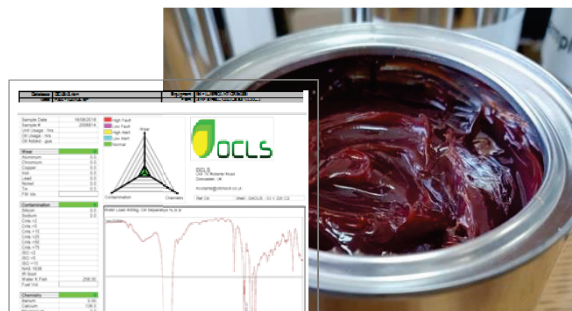
**AZMOL
LUVANA LX**



**Shell Gadus
S3 V 220 C2**

Mobil

**Mobilgrease
XHP 222**



Comparison of Grease Lubricants Report

Comparative testing of Grease samples was performed in the laboratory of the OCLS: Azmol Luvana LX2, Shell Gadus S3 V220 c2 and Mobil XHP 222. The test results are attached on 3 pages.

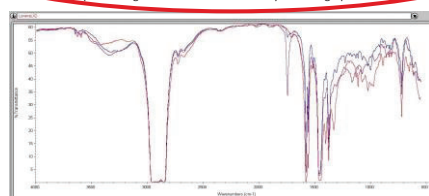
Visual Evaluation:

Azmol Luvana LX2: Smooth texture, Clear, Turquoise colour, Neutral smell.
Shell Gadus S3 V220 C2: Smooth texture, hazy, Red-Brown colour, neutral smell.
Mobil XHP 222: Smooth texture, Clear Blue colour, Neutral smell.

In accordance with the test results, we can conclude:

Azmol Luvana LX2 is a good equivalent and therefore analogous product, compared against Shell Gadus S3 V220 C2 and Mobil XHP 222. Advantages are better Extreme pressure and superior high temperature resistance.

The similar properties of greases are also confirmed by the FTIR spectra:



Luvana EP2 is the red line in the spectra above.

Date: 30/08/2018

Mike Volante

Conclusion of the British laboratory OCLS

Azmol Luvava LX2 is a good equivalent and therefore analogous product, compared against Shell Gadus S3 V220 C2 and Mobil XHP 222. Advantages are better Extreme pressure and superior high temperature resistance.