



Comparison table of oil parameters done by OCLS laboratory in UK

Index name	 AZMOL LUVANA EP 2	 Shell Gadus S2 V 220 2
Worked Penetration 0.1mm	293	276
Oil Separation 24 hrs 100 C	7.2%	6.6%
Copper Strip 24Hours @ 80C	1A	1B
Drop Point deg C	205	192
4-Ball Weld Load kg	400	315
Water ppm	116	352
Additives ppm., Zinc	1179	266
Phosphorus	1379	0
Calcium	23	314
Potassium	0	0
Lithium	1694	2393

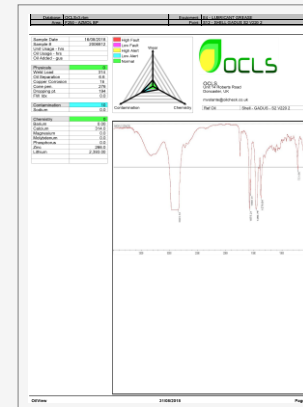
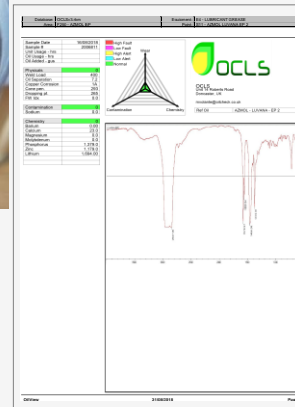
Conclusion by OCLS (UK)



AZMOL LUVANA EP 2



Shell Gadus S2V220 2



OCLS

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Comparison of Grease Lubricants Report

Comparative testing of Grease samples was performed in the laboratory of the OCLS; Azmol Luvana EP2 and Shell Gadus S2 V220 2. The test results are attached on 2 pages.

Visual Evaluation:
Azmol Luvana EP2; Smooth texture, Translucent, Light Amber colour, Neutral smell. Shell Gadus S2 V220 2; Smooth texture, Translucent, Brown colour
In accordance with the test results, we can conclude:
Azmol Luvana EP2 is a good equivalent and therefore analogous product, compared against Shell Gadus S2 V220 2. Advantages are lower water content and reduced Copper corrosion, better Extreme pressure and superior high temperature resistance.

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

Luvana EP2 is the red line in the spectra below, Gadus S2 V220 2 is the blue line

Date: 30/06/2018
Mike Volante *mv*

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