



CONSTRUCTION EQUIPMENT

SPM621711 BL DUKE SENNEBOGEN 835ME 835.0.2810 - REAR LEFT FINAL DRIVE



Sample No: VCP413074
Oil Type: GEAR OIL SAE 80W90
Job No: SPM621711 BL DUKE



SAMPLE INFORMATION

Sample Number	VCP413074	VCP404785	VCP406057	VCP397579
Sample Date	18 Oct 2023	09 Mar 2023	09 Mar 2023	28 Feb 2023
Machine Hours	6955	5516	5516	5387
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

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 5000 INDUSTRIAL HWY
 GARY, IN
 US 46406
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 F:



OIL CONDITION

Visc @ 40°C	cSt	199	133	129	195
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CONTAMINATION

Silicon	ppm	12	<1	1	20
Sodium	ppm	2	0	0	<1
Potassium	ppm	0	1	1	<1

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	87	2	2	191
Copper	ppm	14	2	1	▲ 432
Lead	ppm	0	0	0	6
Tin	ppm	0	<1	<1	▲ 6
Aluminum	ppm	0	1	1	2
Chromium	ppm	0	0	0	2
Molybdenum	ppm	0	6	3	2
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	0	<1	2
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	2607	123	104	2002
Magnesium	ppm	13	98	48	17
Zinc	ppm	1149	135	100	811
Phosphorus	ppm	970	917	955	771
Barium	ppm	19	0	0	0
Boron	ppm	0	221	208	21

Depot: VOLVO8885
Unique No: 10738468
Signed: Sean Felton
Report Date: 14 Nov 2023

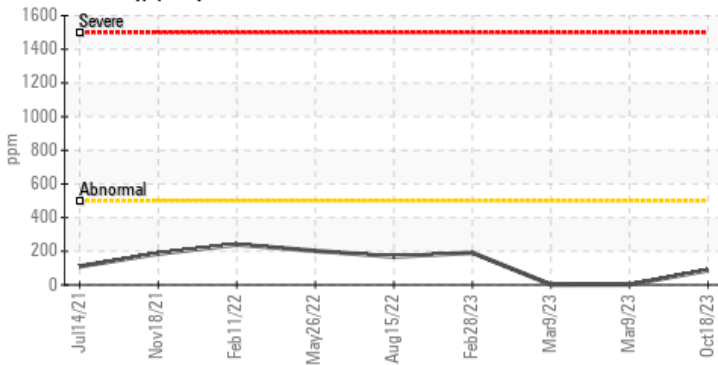


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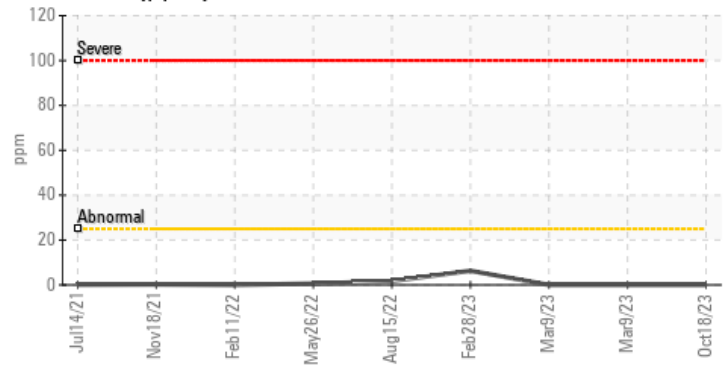


GRAPHS

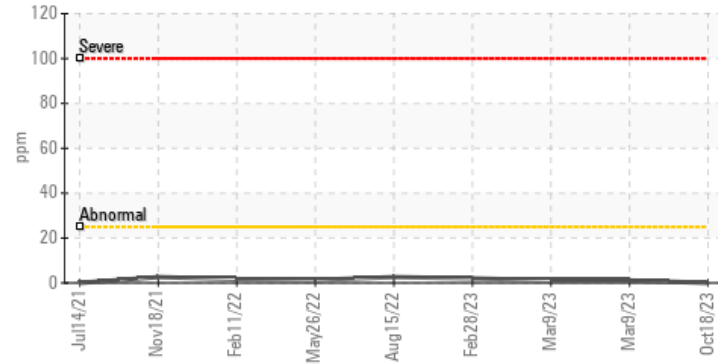
Iron (ppm)



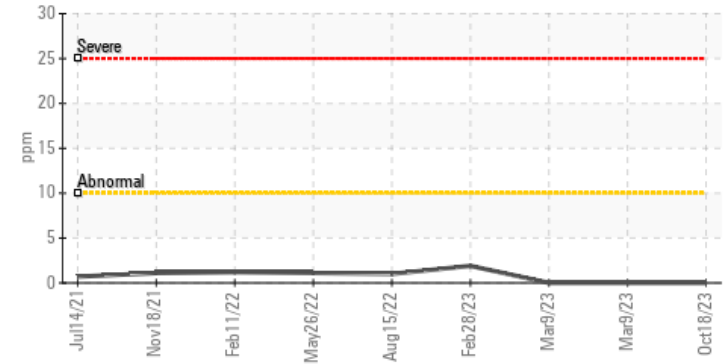
Lead (ppm)



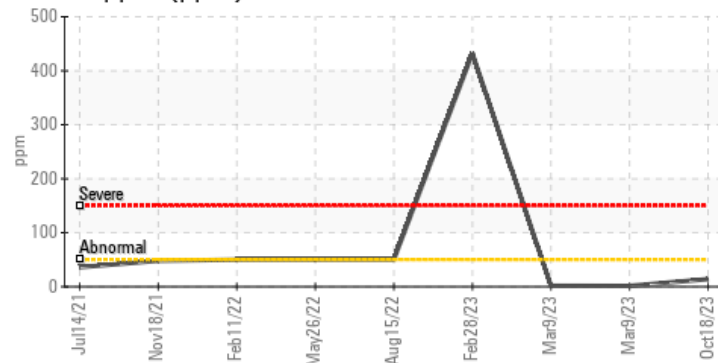
Aluminum (ppm)



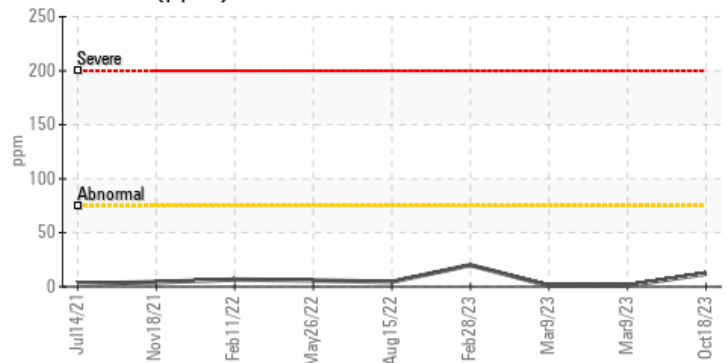
Chromium (ppm)



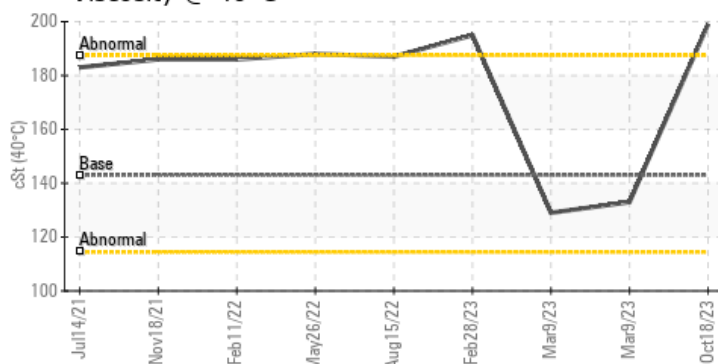
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

