



CONSTRUCTION EQUIPMENT

A12803 VOLVO EC220D 2 10876 - REAR RIGHT FINAL DRIVE



Sample No: VCP445217
Oil Type: MOBIL MOBILUBE HD 80W90
Job No: A12803



SAMPLE INFORMATION

Sample Number	VCP445217	VCP407247	VCP431253	VCP416841
Sample Date	14 Jun 2024	20 Mar 2024	16 Oct 2023	19 Jun 2023
Machine Hours	14465	13980	13460	12979
Oil Hours	500	2000	500	0
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

WASTE MANAGEMENT - TELFORD
 400 PROGRESS DR
 TELFORD, PA
 US 18969-1191
 Contact: EDWARD ROGENER
 erogener@wm.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	178	328	320	325
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	5	<1	4
Sodium	ppm	0	<1	0	2
Potassium	ppm	<1	0	2	2

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	14	26	0	19
Copper	ppm	0	0	0	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	<1	<1	3
Chromium	ppm	<1	2	0	1
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	0	0	<1	0
Titanium	ppm	<1	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	132	51	22	14
Magnesium	ppm	15	0	3	4
Zinc	ppm	59	16	2	2
Phosphorus	ppm	1120	672	1014	630
Barium	ppm	0	0	0	0
Boron	ppm	20	38	9	40

Depot: WASTEL
Unique No: 11088960
Signed: Wes Davis
Report Date: 21 Jun 2024

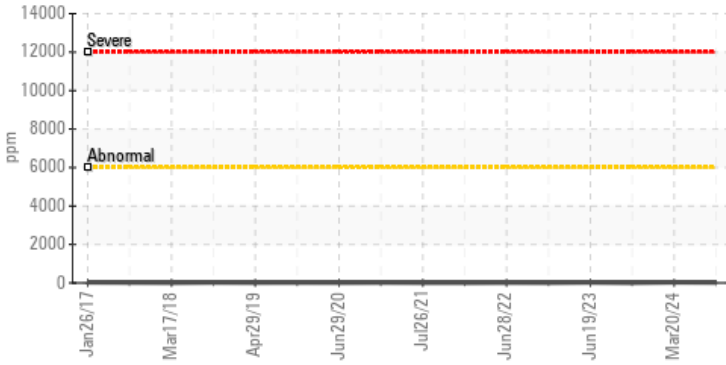


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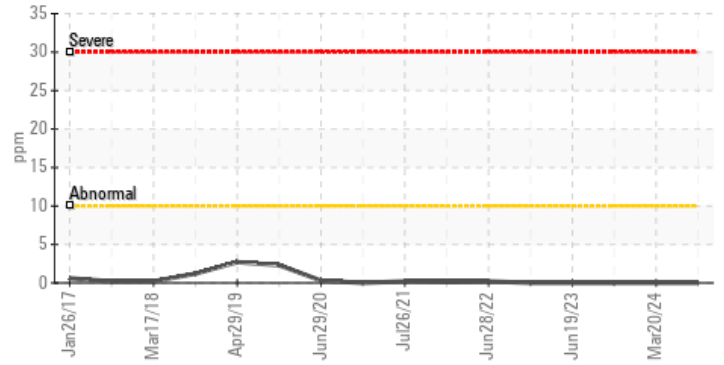


VOLVO GRAPHS

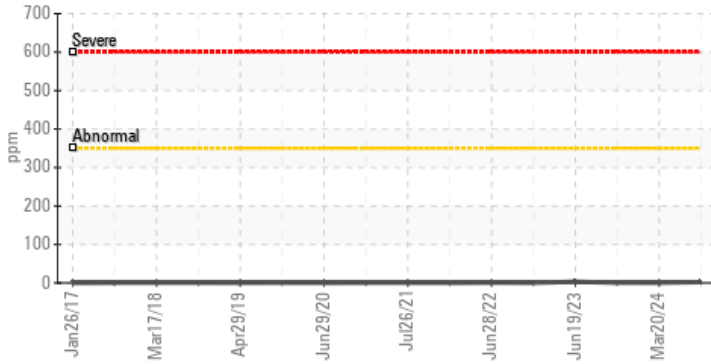
Iron (ppm)



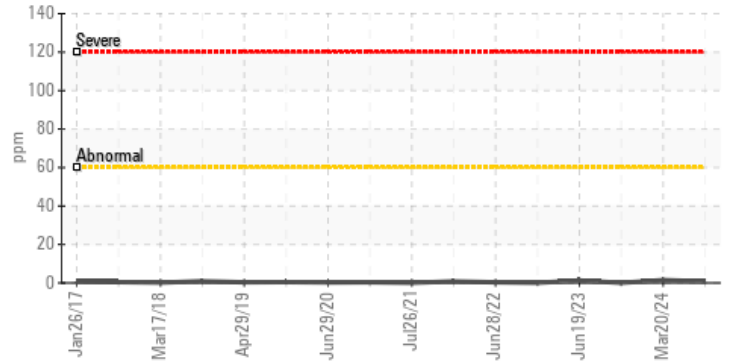
Lead (ppm)



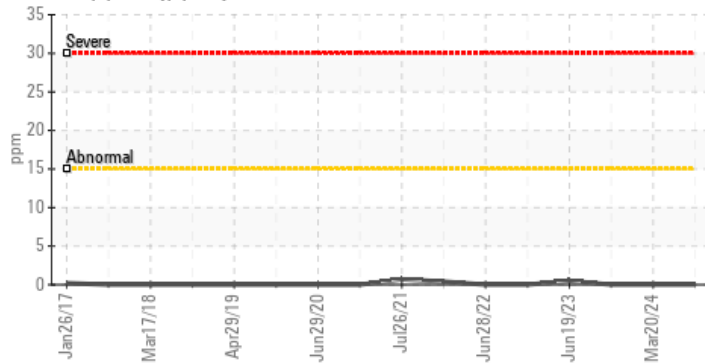
Aluminum (ppm)



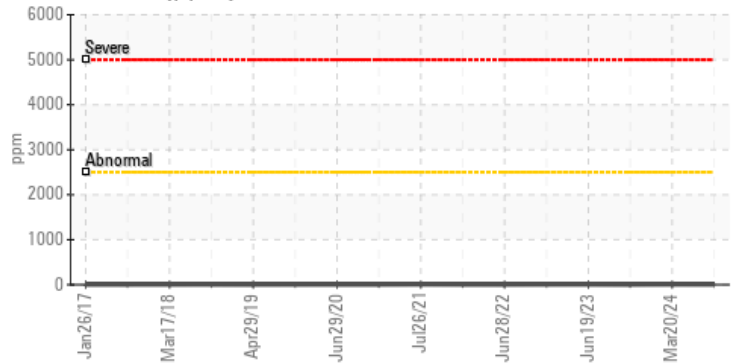
Chromium (ppm)



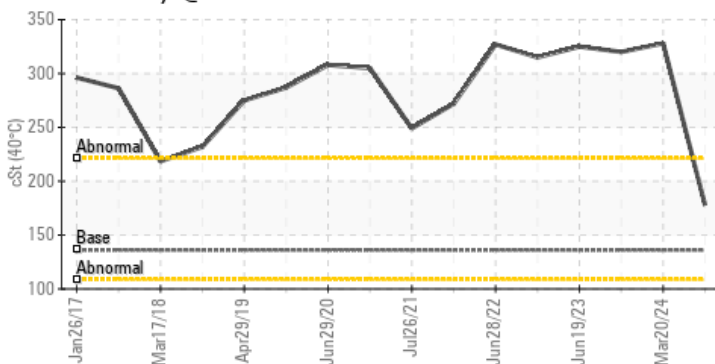
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

