



CONSTRUCTION EQUIPMENT

136317 VOLVO L260H 1362 - DIESEL ENGINE



Sample No: VCP442491
Oil Type: {unknown}
Job No: 136317



SAMPLE INFORMATION

Sample Number	VCP442491	VCP442495	VCP434226	VCP423795
Sample Date	17 May 2024	02 Apr 2024	30 Jan 2024	13 Oct 2023
Machine Hours	3622	3173	2538	1526
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

LATTIMORE MATERIALS/HOLCIM - ROSSER - LAFARGE
 14242 S SH-34
 SCURRY, TX
 US 75158
 Contact: WALLACE WARREN
 wallace.warren@lafargeholcim.com
 T:
 F:



OIL CONDITION

Visc @ 100°C	cSt	13.1	12.8	12.5	12.6
Base Number (BN)	mg KOH/g	8.0	6.0	4.9	6.9
Oxidation (PA)	%	65	70	94	69

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Soot %	%	0.2	0.3	0.5	0.2
Nitration (PA)	%	71	80	96	63
Sulfation (PA)	%	57	61	71	64
Glycol	%	NEG	NEG	NEG	NEG
Fuel	%	<1.0	<1.0	<1.0	<1.0
Silicon	ppm	7	7	14	12
Sodium	ppm	1	2	3	2
Potassium	ppm	4	2	<1	2



WEAR METALS

Iron	ppm	8	10	28	10
Copper	ppm	8	14	39	48
Lead	ppm	<1	0	0	0
Tin	ppm	<1	<1	2	<1
Aluminum	ppm	4	2	4	4
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	93	60	109	123
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	5	8	<1	<1
Silver	ppm	<1	0	0	0
Manganese	ppm	<1	<1	2	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	1515	1541	1536	1558
Magnesium	ppm	664	680	633	570
Zinc	ppm	861	814	900	889
Phosphorus	ppm	676	687	749	747
Barium	ppm	0	0	0	0
Boron	ppm	213	58	24	206

Depot: LATSCU
Unique No: 11045503
Signed: Wes Davis
Report Date: 24 May 2024

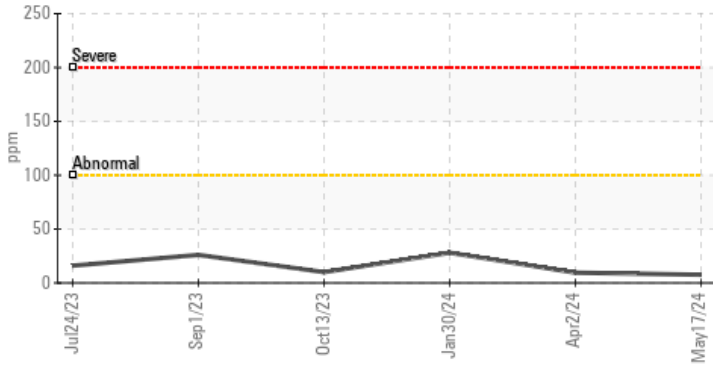


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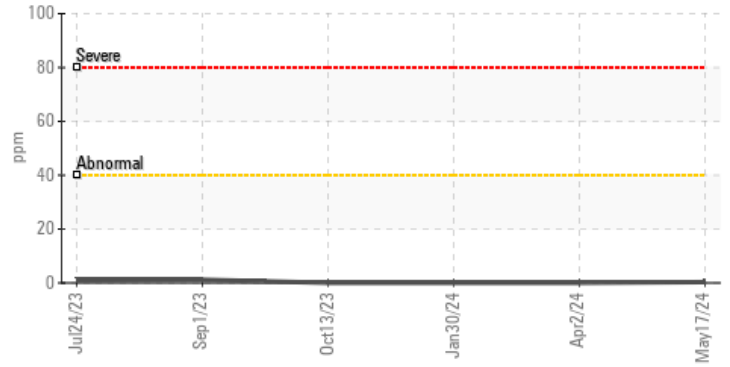


GRAPHS

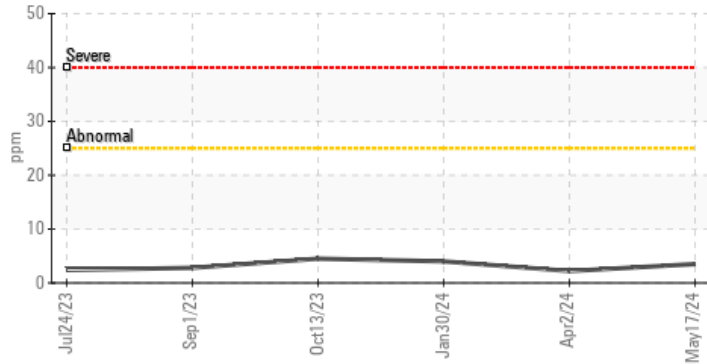
Iron (ppm)



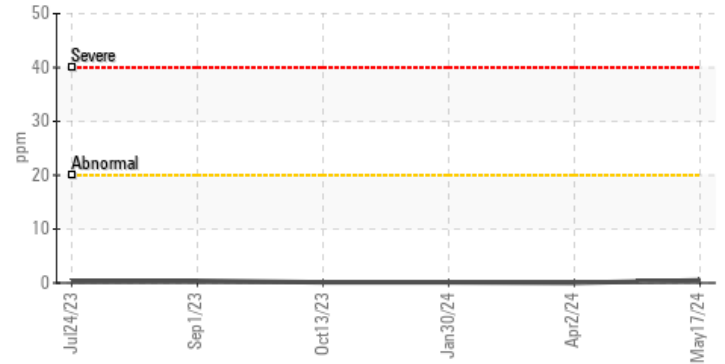
Lead (ppm)



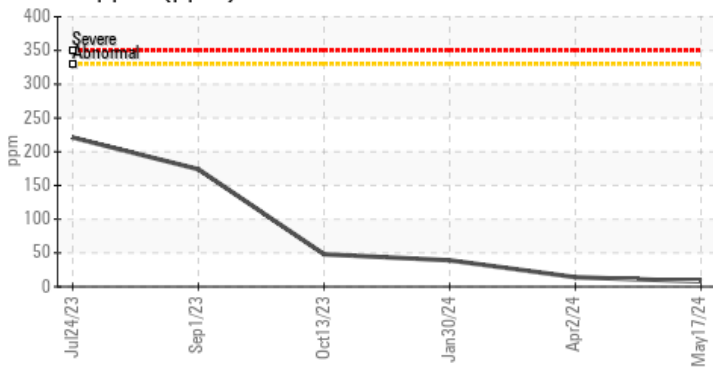
Aluminum (ppm)



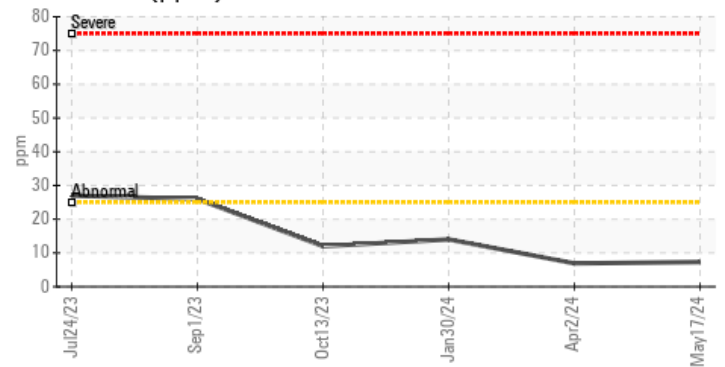
Chromium (ppm)



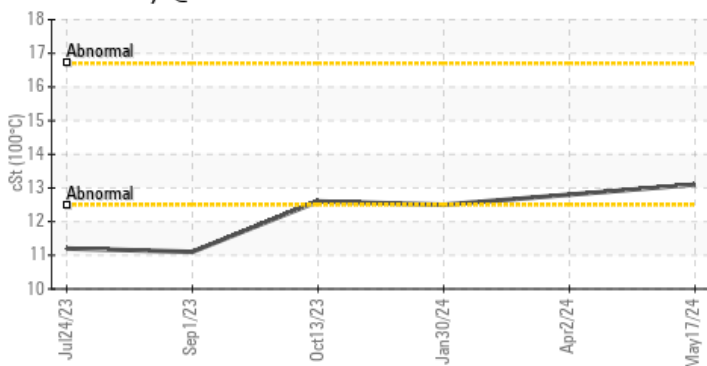
Copper (ppm)



Silicon (ppm)



Viscosity @ 100°C



Base Number

