



CONSTRUCTION EQUIPMENT

135855 VOLVO L260H 1362 - DIESEL ENGINE



Sample No: VCP442495
Oil Type: {unknown}
Job No: 135855



SAMPLE INFORMATION

Sample Number	VCP442495	VCP434226	VCP423795	VCP435425
Sample Date	02 Apr 2024	30 Jan 2024	13 Oct 2023	01 Sep 2023
Machine Hours	3173	2538	1526	1072
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

LATTIMORE MATERIALS/HOLCIM - ROSSER - LAFARGE
 14242 S SH-34
 SCURRY, TX
 US 75158
 Contact: WALLACE WARREN
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 T:
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OIL CONDITION

Visc @ 100°C	cSt	12.8	12.5	12.6	11.1
Base Number (BN)	mg KOH/g	6.0	4.9	6.9	4.3
Oxidation (PA)	%	70	94	69	78

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 %	%	0.3	0.5	0.2	0.4
Nitration (PA)	%	80	96	63	85
Sulfation (PA)	%	61	71	64	64
Glycol	%	NEG	NEG	NEG	NEG
Fuel	%	<1.0	<1.0	<1.0	<1.0
Silicon	ppm	7	14	12	26
Sodium	ppm	2	3	2	4
Potassium	ppm	2	<1	2	5



WEAR METALS

Iron	ppm	10	28	10	26
Copper	ppm	14	39	48	174
Lead	ppm	0	0	0	1
Tin	ppm	<1	2	<1	3
Aluminum	ppm	2	4	4	3
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	60	109	123	93
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	8	<1	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	2	<1	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	1541	1536	1558	2192
Magnesium	ppm	680	633	570	121
Zinc	ppm	814	900	889	1220
Phosphorus	ppm	687	749	747	921
Barium	ppm	0	0	0	0
Boron	ppm	58	24	206	22

Depot: LATSCU
Unique No: 10965820
Signed: Wes Davis
Report Date: 09 Apr 2024



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GRAPHS

