



CONSTRUCTION EQUIPMENT

LAFARGE 8-404878 VOLVO L260H 1373 - DIESEL ENGINE



Sample No: VCP450392
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 8-404878



SAMPLE INFORMATION

Sample Number	VCP450392	VCP380985	VCP380059	---
Sample Date	29 May 2024	15 Mar 2024	07 Dec 2023	---
Machine Hours	2106	1578	1054	---
Oil Hours	1000	500	1000	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	ABNORMAL	ABNORMAL	---

STRONGCO EQUIPMENT INC.
1640 ENTERPRISE ROAD
MISSISSAUGA, ON
CA L4W 4L4
Contact: Janice Cripps
jcripps@strongco.com
T: (905)565-3876
F: (905)670-2338



OIL CONDITION

Visc @ 100°C	cSt	12.5	12.5	10.8	---
Oxidation (PA)	%	82	83	78	---



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Soot %	%	0.1	0.2	0.2	---
Nitration (PA)	%	60	66	85	---
Sulfation (PA)	%	63	64	65	---
Glycol	%	NEG	NEG	NEG	---
Fuel	%	0.1	1.1	1	---
Silicon	ppm	3	5	20	---
Sodium	ppm	2	3	4	---
Potassium	ppm	0	<1	4	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Fuel content negligible. 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	7	12	23	---
Copper	ppm	4	25	132	---
Lead	ppm	0	0	5	---
Tin	ppm	0	<1	3	---
Aluminum	ppm	<1	<1	2	---
Chromium	ppm	0	0	0	---
Molybdenum	ppm	40	44	83	---
Nickel	ppm	1	4	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	<1	0	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	1716	1742	2133	---
Magnesium	ppm	501	465	167	---
Zinc	ppm	1064	1083	1189	---
Phosphorus	ppm	915	911	958	---
Barium	ppm	0	0	<1	---
Boron	ppm	31	29	16	---

Depot: SHEMIS
Unique No: 5798924
Signed: Wes Davis
Report Date: 14 Jun 2024



CONSTRUCTION EQUIPMENT



GRAPHS

