



CONSTRUCTION EQUIPMENT

LAFARGE 405100 VOLVO L260H 1372 - DIESEL ENGINE



Sample No: VCP430149
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 405100



SAMPLE INFORMATION

Sample Number	VCP430149	VCP247071	---	---
Sample Date	19 May 2024	17 Dec 2023	---	---
Machine Hours	2016	1046	---	---
Oil Hours	2000	1000	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---

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 1640 ENTERPRISE ROAD
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 CA L4W 4L4
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OIL CONDITION

Visc @ 100°C	cSt	■ 12.8	▲ 11.0	---	---
Oxidation (PA)	%	■ 90	70	---	---



CONTAMINATION

Water	%	NEG	NEG	---	---
Soot %	%	■ 0.2	■ 0.3	---	---
Nitration (PA)	%	84	85	---	---
Sulfation (PA)	%	66	63	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	■ 0.6	---	---
Silicon	ppm	■ 5	■ 23	---	---
Sodium	ppm	■ 2	■ 3	---	---
Potassium	ppm	■ 1	■ 6	---	---

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	■ 15	■ 24	---	---
Copper	ppm	■ 55	■ 297	---	---
Lead	ppm	■ <1	■ 8	---	---
Tin	ppm	■ <1	■ 2	---	---
Aluminum	ppm	■ 1	■ 3	---	---
Chromium	ppm	■ 0	■ 0	---	---
Molybdenum	ppm	■ 51	■ 80	---	---
Nickel	ppm	■ 0	■ <1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	■ 0	■ 0	---	---
Manganese	ppm	■ <1	■ 2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	■ 1825	■ 2176	---	---
Magnesium	ppm	■ 474	86	---	---
Zinc	ppm	■ 1068	■ 1125	---	---
Phosphorus	ppm	■ 838	■ 951	---	---
Barium	ppm	■ 0	■ 0	---	---
Boron	ppm	■ 20	■ 17	---	---

Depot: SHEMIS
Unique No: 5786554
Signed: Wes Davis
Report Date: 24 May 2024



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GRAPHS

