



CONSTRUCTION EQUIPMENT

SWA530860 - DIESEL ENGINE



Sample No: VCP438863
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: SWA530860



SAMPLE INFORMATION

Sample Number	VCP438863	VCP178013	---	---
Sample Date	16 Apr 2024	22 Sep 2017	---	---
Machine Hours	12474	707	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

PREFERRED MATERIALS

4636 SCARBOROUGH DR
 LUTZ, FL
 US 33559
 Contact: Service Manager



OIL CONDITION

Visc @ 100°C	cSt	12.7	12.77	---	---
Base Number (BN)	mg KOH/g	9.4	---	---	---
Oxidation (PA)	%	56	68	---	---

T: (850)479-3004
 F:

Diagnosis

Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



CONTAMINATION

Water	%	NEG	NEG	---	---
Soot %	%	0.1	0	---	---
Nitration (PA)	%	51	58	---	---
Sulfation (PA)	%	51	55	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	2	12	---	---
Sodium	ppm	<1	3	---	---
Potassium	ppm	0	0	---	---



WEAR METALS

Iron	ppm	2	10	---	---
Copper	ppm	<1	50	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	<1	2	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	58	48	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	1	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	1107	1655	---	---
Magnesium	ppm	973	607	---	---
Zinc	ppm	1185	921	---	---
Phosphorus	ppm	1026	829	---	---
Barium	ppm	0	0	---	---
Boron	ppm	0	29	---	---

Depot: PRELUT
Unique No: 10989321
Signed: Angela Borella
Report Date: 23 Apr 2024



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GRAPHS

