



CONSTRUCTION EQUIPMENT

SWA341088 VOLVO L150G 22536 - DIESEL ENGINE



Sample No: VCP434870
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: SWA341088



SAMPLE INFORMATION

Sample Number	VCP434870	VCE160018	---	---
Sample Date	26 Aug 2023	11 Jun 2012	---	---
Machine Hours	16482	294	---	---
Oil Hours	0	294	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---



MR BULTS INC
 SULLIVAN COUNTY LANDFILL
 MONTICELLO, NY
 US 12701
 Contact:

T: (208)324-7148
 F:



OIL CONDITION

Visc @ 100°C	cSt	13.4	11.15	---	---
Base Number (BN)	mg KOH/g	10.6	---	---	---
Oxidation (PA)	%	81	44	---	---

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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



CONTAMINATION

Soot %	%	1.2	0.8	---	---
Nitration (PA)	%	67	50	---	---
Sulfation (PA)	%	65	50	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	8	4	---	---
Sodium	ppm	4	34	---	---
Potassium	ppm	<1	2	---	---



WEAR METALS

Iron	ppm	14	20	---	---
Copper	ppm	2	2	---	---
Lead	ppm	0	2	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	6	2	---	---
Chromium	ppm	<1	1	---	---
Molybdenum	ppm	43	40	---	---
Nickel	ppm	3	<1	---	---
Titanium	ppm	0	2	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	1783	1296	---	---
Magnesium	ppm	564	704	---	---
Zinc	ppm	1140	1038	---	---
Phosphorus	ppm	919	938	---	---
Barium	ppm	0	0	---	---
Boron	ppm	41	14	---	---

Depot: MRBMONNY
Unique No: 10632445
Signed: Wes Davis
Report Date: 05 Sep 2023



CONSTRUCTION EQUIPMENT



GRAPHS

