



CONSTRUCTION EQUIPMENT

606534 DIPRO VOLVO L260H 1312 - DIESEL ENGINE



Sample No: VCP431403
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 606534 DIPRO



SAMPLE INFORMATION

Sample Number	VCP431403	VCP411847	VCP407604	VCP419790
Sample Date	14 Sep 2023	11 Jul 2023	01 Jun 2023	21 Apr 2023
Machine Hours	7562	6992	6439	5777
Oil Hours	500	0	500	500
Oil Changed	Changed	N/A	Changed	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT COMPANY - METRO WEST
 56195 PONTIAC TRAIL
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OIL CONDITION

Visc @ 100°C	cSt	14.3	14.3	14.2	13.8
Base Number (BN)	mg KOH/g	8.7	9.1	9.3	9.2
Oxidation (PA)	%	54	55	59	56



CONTAMINATION

Soot %	%	0.2	0.2	0.2	0.1
Nitration (PA)	%	52	53	57	50
Sulfation (PA)	%	50	51	53	51
Glycol	%	NEG	NEG	NEG	NEG
Fuel	%	<1.0	<1.0	<1.0	<1.0
Silicon	ppm	3	2	2	2
Sodium	ppm	2	2	<1	<1
Potassium	ppm	1	0	0	0



WEAR METALS

Iron	ppm	4	3	4	5
Copper	ppm	1	1	1	0
Lead	ppm	<1	0	0	0
Tin	ppm	<1	<1	<1	0
Aluminum	ppm	0	<1	<1	<1
Chromium	ppm	<1	0	<1	0
Molybdenum	ppm	56	61	57	60
Nickel	ppm	<1	0	0	0
Titanium	ppm	0	<1	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	1004	1094	1038	1066
Magnesium	ppm	889	1050	977	1008
Zinc	ppm	1164	1282	1235	1338
Phosphorus	ppm	961	1055	993	1060
Barium	ppm	0	0	0	0
Boron	ppm	0	0	0	0

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.

Depot: VOLVO2990
Unique No: 10657335
Signed: Angela Borella
Report Date: 21 Sep 2023



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VOLVO GRAPHS

