



CONSTRUCTION EQUIPMENT

579453 DIPRO VOLVO L260H 1312 - DIESEL ENGINE



Sample No: VCP411847
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 579453 DIPRO



SAMPLE INFORMATION

Sample Number	VCP411847	VCP407604	VCP419790	VCP421776
Sample Date	11 Jul 2023	01 Jun 2023	21 Apr 2023	22 Mar 2023
Machine Hours	6992	6439	5777	5304
Oil Hours	0	500	500	500
Oil Changed	N/A	Changed	N/A	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT COMPANY - METRO WEST
 56195 PONTIAC TRAIL
 NEW HUDSON, MI
 US 48165
 Contact: PAUL CONZ
 paul.conz@altg.com
 T: (313)348-8861
 F: (248)356-2029



OIL CONDITION

Visc @ 100°C	cSt	14.3	14.2	13.8	14.1
Base Number (BN)	mg KOH/g	9.1	9.3	9.2	9.3
Oxidation (PA)	%	55	59	56	56



CONTAMINATION

Soot %	%	0.2	0.2	0.1	0.2
Nitration (PA)	%	53	57	50	53
Sulfation (PA)	%	51	53	51	52
Glycol	%	NEG	NEG	NEG	NEG
Fuel	%	<1.0	<1.0	<1.0	<1.0
Silicon	ppm	2	2	2	5
Sodium	ppm	2	<1	<1	1
Potassium	ppm	0	0	0	1



WEAR METALS

Iron	ppm	3	4	5	16
Copper	ppm	1	1	0	1
Lead	ppm	0	0	0	0
Tin	ppm	<1	<1	0	<1
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	<1	0	<1
Molybdenum	ppm	61	57	60	61
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	1094	1038	1066	1076
Magnesium	ppm	1050	977	1008	938
Zinc	ppm	1282	1235	1338	1235
Phosphorus	ppm	1055	993	1060	1065
Barium	ppm	0	0	0	2
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: 10565411
Signed: Don Baldrige
Report Date: 25 Jul 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

