



CONSTRUCTION EQUIPMENT

SPM701622 RENTAL VOLVO EC750E 314147 - DIESEL ENGINE



Sample No: VCP367134
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No: SPM701622 RENTAL



SAMPLE INFORMATION

Sample Number	VCP367134	VCP414254	VCP399757	VCP365916
Sample Date	15 Apr 2024	24 Jul 2023	29 Apr 2023	15 Sep 2022
Machine Hours	2228	1704	1122	635
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	ABNORMAL

ALTA EQUIPMENT CO - ORLAND PARK
 5000 INDUSTRIAL HWY
 GARY, IN
 US 46406
 Contact: MARK DEROSA
 mark.derosa@altg.com
 T: (248)356-5200
 F:



OIL CONDITION

Visc @ 100°C	cSt	12.5	12.7	12.2	10.5
Base Number (BN)	mg KOH/g	8.8	8.2	7.3	6.8
Oxidation (PA)	%	60	59	57	70

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

Water	%	NEG	NEG	NEG	NEG
Soot %	%	0.3	0.3	0.3	0.4
Nitration (PA)	%	61	60	59	88
Sulfation (PA)	%	53	53	49	58
Glycol	%	NEG	NEG	NEG	NEG
Fuel	%	<1.0	<1.0	<1.0	0.8
Silicon	ppm	4	3	7	28
Sodium	ppm	2	0	0	4
Potassium	ppm	2	2	2	5



WEAR METALS

Iron	ppm	11	13	15	31
Copper	ppm	5	12	72	244
Lead	ppm	1	<1	0	15
Tin	ppm	2	1	1	6
Aluminum	ppm	1	<1	0	3
Chromium	ppm	<1	<1	1	<1
Molybdenum	ppm	61	63	63	86
Nickel	ppm	4	2	6	3
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	<1	<1	<1	2
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	1046	1102	1208	2171
Magnesium	ppm	957	922	912	74
Zinc	ppm	1244	1215	1310	1162
Phosphorus	ppm	1024	1006	1055	1005
Barium	ppm	0	0	0	0
Boron	ppm	<1	0	4	31

Depot: VOLVO8885
Unique No: 11016901
Signed: Wes Davis
Report Date: 08 May 2024



CONSTRUCTION EQUIPMENT



GRAPHS

