



CONSTRUCTION EQUIPMENT

REGION OF PEEL 8-404927 VOLVO L60G 1687 - DIESEL ENGINE



Sample No: VCP450447
Oil Type: CATALYS 15W40
Job No: 8-404927



SAMPLE INFORMATION

Sample Number	VCP450447	VCP260644	VCP260955	VCP231651
Sample Date	15 May 2024	16 Apr 2020	03 Oct 2019	27 Mar 2019
Machine Hours	13200	9550	9005	8530
Oil Hours	0	0	0	0
Oil Changed	N/A	N/A	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ATTENTION

STRONGCO EQUIPMENT INC.

1640 ENTERPRISE ROAD
MISSISSAUGA, ON
CA L4W 4L4

Contact: Janice Cripps
jcripps@strongco.com
T: (905)665-3876
F: (905)670-2338



OIL CONDITION

Visc @ 100°C	cSt	13.9	13.9	13.5	13.4
Oxidation (PA)	%	48	61	84	84



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Soot %	%	0	0.2	0.1	0.2
Nitration (PA)	%	43	85	68	66
Sulfation (PA)	%	50	66	68	63
Glycol	%	NEG	NEG	NEG	NEG
Fuel	%	0.0	<1.0	<1.0	<1.0
Silicon	ppm	4	4	4	7
Sodium	ppm	1	2	2	3
Potassium	ppm	<1	2	<1	<1

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. Tests indicate that there is no fuel present in the oil. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	4	14	11	15
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	4	7	7	11
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	80	6	41	41
Nickel	ppm	0	<1	0	<1
Titanium	ppm	0	<1	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	1629	1454	1745	1726
Magnesium	ppm	256	751	490	511
Zinc	ppm	1149	848	928	903
Phosphorus	ppm	1004	719	754	746
Barium	ppm	0	0	0	0
Boron	ppm	273	56	34	45

Depot: SHEMIS
Unique No: 5785745
Signed: Kevin Marson
Report Date: 22 May 2024



CONSTRUCTION EQUIPMENT



GRAPHS

