

CONSTRUCTION EQUIPMENT 297630 VOLVO EC480EL 310354 - SWING DRIVE



Sample No: VCP424125

Oil Type: GEAR OIL SAE 80W90

Job No: 297630

SAMPLE	INFORMATION				
Sample Number		VCP424125	VCP427025	VCP271790	VCP262618
Sample Date		28 Jun 2023	28 Jun 2023	27 Aug 2020	01 Dec 2019
Machine Hours		6940	6940	3400	2920
Oil Hours		0	0	0	1000
Oil Changed		Not Changd	Not Changd	Changed	Not Changd
Sample Status		NORMAL	NORMAL	ATTENTION	NORMAL
OIL CONDITION					
Visc @ 40°C	cSt	138	□133	<u></u> 55.5	218
Visc & 10 C	650			33.3	210
VOLVO					
CONTAM	INATION				
Silicon	ppm	5	5	2	1 4
Sodium	ppm	■0	0	■3	2
Potassium	ppm	■<1	 <1	7	9
VOLVO					
WEAR METALS					
Iron	ppm	236	7 9	1 5	■132
Copper	ppm	6	4	2	7
Lead	ppm	■ 0	□0	0	□0
Tin	ppm	■<1	- <1	0	0
Aluminum	ppm	■ 2	2	<1	2
Chromium	ppm	■ 3	- <1	<1	3
Molybdenum	ppm	■ <1	0	<1	0
Nickel	ppm	■0	0	0	<1
Titanium	ppm	0	0	0	<1
Silver	ppm	0	<1	0	0
Manganese	ppm	3	1	<1	2
Vanadium	ppm	0	0	0	<1
VOLVO					
ADDITIV	ES				
Calcium	ppm	■ 9	■9	26	17
Magnesium	ppm	■ <1	0	4	2
Zinc	ppm	■3	■3	12	9
Phosphorus	ppm	1139	1152	2215	879
Barium	ppm	0	0	0	<1
Boron	ppm	187	2 19	253	143

Report Id: SENWAT [WUSCAR] 05890628 (Generated: 07/06/2023 11:36:48) Rev: 1



SENECA MEADOWS 1786 SALCMAN ROAD WATERLOO, NY US Contact: EDWARD BARTO ebarto@iesi.com T: (315)539-5624

Diagnosis

F: (315)539-4656

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm.

All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

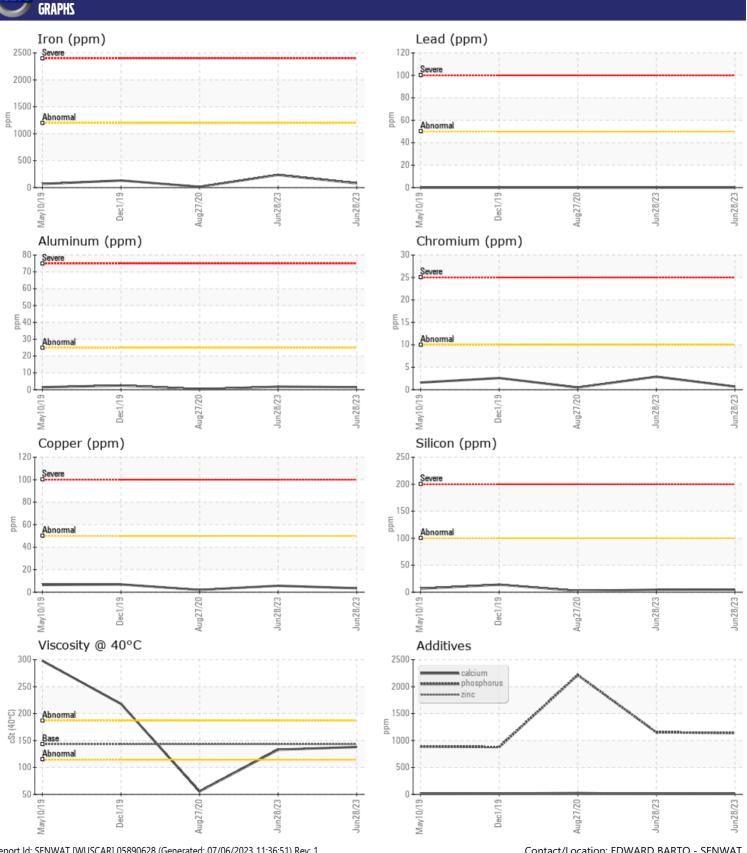
Depot: SENWAT
Unique No: 10546438
Signed: Wes Davis
Report Date: 06 Jul 2023



CONSTRUCTION EQUIPMENT







Report Id: SENWAT [WUSCAR] 05890628 (Generated: 07/06/2023 11:36:51) Rev: 1

Contact/Location: EDWARD BARTO - SENWAT