

CONSTRUCTION EQUIPMENT

SWA478944-10 SACYR VOLVO EC480E 314293 - DIESEL ENGINE

Sample No: VCP438917
Oil Type: {unknown}

Job No: SWA478944-10 SACYR

Sample Number					
Sample Date Machine Hours 5985 Oli Hours Oli Hours Oli Changed N/A Sample Status NORMAL Oli CONTONION Visc @ 100°C CSt Base Number (BN) Machine (PA) Soot % Machine (PA) Soot % Machine (PA) Mitration (PA) Machine (PA) Mac	SAMPLE II	NFORMATION			
Sample Date Machine Hours 5985 Oli Hours Oli Hours Oli Changed N/A Sample Status NORMAL Oli CONTONION Visc @ 100°C CSt Base Number (BN) Machine (PA) Soot % Machine (PA) Soot % Machine (PA) Mitration (PA) Machine (PA) Mac	Sample Number		VCP438917	 	
Machine Hours 0 0	•				
Oil Changed N/A	•				
Oil Changed N/A					
Sample Status					
Voice 100°C CSt 13.1				 	
OIL CONDITION	Sample Status		NORWAL	 	
OIL CONDITION	VOLVO				
Base Number (BN) mg KOH/g	OIL CONDI	TION			
COXIDATION % 65 Water	Visc @ 100°C	cSt	13.1	 	
COXIDATION % 65 Water	Base Number (BN)	mg KOH/g	■8.3	 	
CONTAMINATION Water			65	 	
CONTAMINATION					
Water % NEG <td>VOLVO</td> <td>IATION.</td> <td></td> <td></td> <td></td>	VOLVO	IATION.			
Soot %	LUNTAMIN	NATION		 	
Nitration (PA)	Water		NEG	 	
Sulfation (PA)	Soot %	%	■ 0.1	 	
Solition	Nitration (PA)	%	49	 	
Solition	Sulfation (PA)	%	63	 	
Silicon ppm 6 Sodium ppm 2 1	Glycol	%	NEG	 	
VEAR METALS VEAR METALS VEAR METALS Iron	Fuel	%	<1.0	 	
WEAR METALS Iron ppm 4 Copper ppm 1 Lead ppm 0 Tin ppm 4 Aluminum ppm 0 Chromium ppm 0 Molybdenum ppm 127 Nickel ppm 0 Silver ppm 0 Manganese ppm <1	Silicon	ppm	6	 	
WEAR METALS Iron ppm 4 Copper ppm 1 Lead ppm 0 Tiin ppm 4 Aluminum ppm 0 Chromium ppm 0 Molybdenum ppm 1 Nickel ppm 0 Titanium ppm 0 Silver ppm 0 Manganese ppm <1	Sodium	ppm	■<1	 	
WEAR METALS Iron ppm 4 Copper ppm 1 Lead ppm 0 Tin ppm 4 Aluminum ppm 0 Chromium ppm 0 Molybdenum ppm 127 Nickel ppm 1 Titanium ppm 0 Silver ppm 0 Manganese ppm <1	Potassium	ppm	2	 	
WEAR METALS Iron ppm 4 Copper ppm 1 Lead ppm 0 Tin ppm 4 Aluminum ppm 0 Chromium ppm 0 Molybdenum ppm 127 Nickel ppm 1 Titanium ppm 0 Silver ppm 0 Manganese ppm <1					
Iron	VOLVO WEAD ME	TALC			
Copper ppm 1 <td>WEAK ME</td> <td>IMF7</td> <td></td> <td></td> <td></td>	WEAK ME	IMF7			
Lead ppm 0 Tin ppm <1		ppm	■4	 	
Tin ppm <td>Copper</td> <td>ppm</td> <td>1</td> <td> </td> <td></td>	Copper	ppm	1	 	
Aluminum ppm 4	Lead	ppm	■0	 	
Chromium ppm 0 <	Tin	ppm		 	
Molybdenum ppm 127 Nickel ppm 1 Titanium ppm 0 Silver ppm 0 Manganese ppm <1	Aluminum	ppm		 	
Nickel ppm 1 <td>Chromium</td> <td>ppm</td> <td>■0</td> <td> </td> <td></td>	Chromium	ppm	■0	 	
Titanium ppm 0 Silver ppm 0 Manganese ppm <1	Molybdenum	ppm	127	 	
Silver ppm 0 Manganese ppm <1	Nickel	ppm	1	 	
Manganese ppm <1	Titanium	ppm	0	 	
	Silver	ppm	■0	 	
Vanadium ppm 0	Manganese	ppm	<1	 	
	Vanadium	ppm	0	 	



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
8418 PALM RIVER ROAD
TAMPA, FL
US 33619
Contact: KENNY HANEY
khaney@flaglerce.com
T: (813)630-0077
F: (813)630-2233

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.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:
 VOLVO0093

 Unique No:
 10875349

 Signed:
 Wes Davis

 Report Date:
 14 Feb 2024

1482

692

845

354

742

ADDITIVES

ppm

ppm

ppm

ppm

ppm

ppm

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus



CONSTRUCTION EQUIPMENT





