CONSTRUCTION EQUIPMENT SPM594241 VOLVO EC480E 315141 - DIESEL ENGINE



Sample No:	VCP412200
Oil Type:	VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:	SPM594241

VOLVO

MATION			
VCP4122	200 VCP422293		
16 Aug 2	2023 23 May 2023		
1133	544		
0	0		
Changed	Changed		
ATTENT	ION ATTENTION		
12.2	▲ 10.8		
KOH/g ■7.2	4.1		
86	69		
0.1	0.1		
77	83		
63	60		
NEG	NEG		
<1.0	0.8		
m 🔲 16	28		
	VCP4122 16 Aug 2 1133 0 Changed ATTENT ▲ 12.2 KOH/g ■ 7.2 86 N ■ 0.1 77 63 NEG <1.0	VCP412200 VCP422293 16 Aug 2023 23 May 2023 1133 544 0 0 Changed Changed ATTENTION ATTENTION KOH/g 7.2 14.1 86 69 N 77 83 63 60 NEG NEG NEG NEG <1.0	VCP412200 VCP422293 16 Aug 2023 23 May 2023 1133 544 0 0 Changed Changed ATTENTION ATTENTION KOH/g 7.2 4.1 86 69 N 83 63 60 63 60 NEG NEG 0.8

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

Oil and filter change at the time of sampling has been noted. 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 oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

Potassium	ppm
VOLVO	-

ppm

2

|| <1

Sodium

WEAR N	METALS			
Iron	ppm	8	13	
Copper	ppm	63	204	
Lead	ppm	0	 < 1	
Tin	ppm		2	
Aluminum	ppm	2	2	
Chromium	ppm		0	
Molybdenum	ppm	46	88	
Nickel	ppm	0	<1	
Titanium	ppm	0	0	
Silver	ppm	0	0	
Manganese	ppm	□<1	2	
Vanadium	ppm	0	0	

1

14

			ADITIVES						
opm	1779	2214							
opm	481	20							
opm	1151	1146							
opm	917	932							
opm	0	2							
opm	12	15							
	opm opm opm opm	9pm 481 9pm 1151 9pm 917 9pm 0	481 20 ppm 1151 ppm 917 opm 0 2	481 20 ppm 1151 1146 ppm 917 932 ppm 0 2					

 Depot:
 VOLVO0093

 Unique No:
 10629141

 Signed:
 Sean Felton

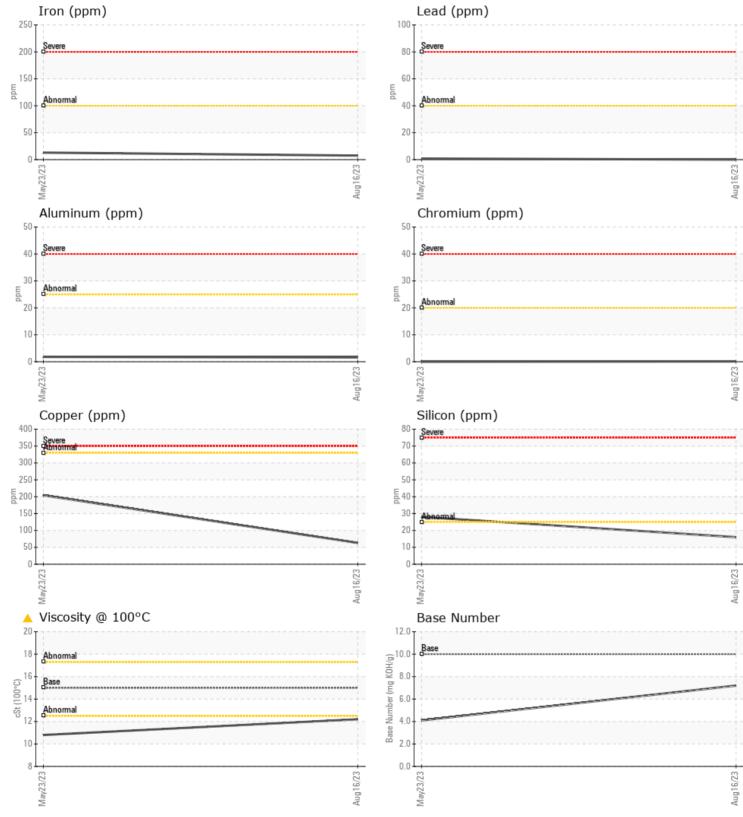
 Report Date:
 31 Aug 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0093 [WUSCAR] 05938529 (Generated: 08/31/2023 15:56:31) Rev: 1

Contact/Location: KENNY HANEY - VOLVO0093