CONSTRUCTION EQUIPMENT 716661 MOSAIC VOLVO EC480EL 315447 - HYDRAULIC SYSTEM

Sample No:VCP451459Oil Type:VOLVO SUPER HYDRAULIC OIL 46Job No:716661 MOSAIC

VOLVO

SAMPLE INFORMA	TION		
Sample Number	VCP451459	 	
Sample Date	22 May 2024	 	
Machine Hours	1348	 	
Oil Hours	1348	 	
Oil Changed	Not Changd	 	
Sample Status	NORMAL	 	
OIL CONDITION			
Visc @ 40°C cSt	45.5	 	
Acid Number (AN) mg KC	OH/g ■0.45	 	

CONTAMINATION NEG % Water 1619 Particles >4µm Particles >6µm 267 Particles >14µm **10** ISO 4406:1999 (c) 18/15/10 Silicon ppm 2 Sodium ppm 0 1 Potassium ppm

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC

8418 PALM RIVER ROAD TAMPA, FL US 33619 Contact: JOHN FARDELLA john.fardella@altg.com T: (813)630-0077 F: (813)630-2233

Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

WEAR METALS

	יוב ו אנס			
Iron	ppm	2	 	
Copper	ppm	2	 	
Lead	ppm	□ <1	 	
Tin	ppm	0	 	
Aluminum	ppm	2	 	
Chromium	ppm	■ <1	 	
Molybdenum	ppm	0	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	

VOLVO

Calcium	ppm	70				
Magnesium	ppm	∎1				
Zinc	ppm	447				
Phosphorus	ppm	331				
Barium	ppm	0				
Boron	ppm					

 Depot:
 VOLVO0093

 Unique No:
 11087450

 Signed:
 Wes Davis

 Report Date:
 20 Jun 2024

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO

Ferrous Alloys Particle Count 10 - 491.520 -26 iron 9 chromium 245,760 -25 nickel 8 122,880 -24 61,440 -23 ß mdo E, 30,720 22 15,360 -21 3 7.680 20 bnorma 3,840 -19 Ω 1,920 18 🛛 ber of particles (per 1 ml) May22/24 May22/7 4406:1999 Cleanlines: 960 17 Non-ferrous Metals 16 480 10 15 copper 240 q m lead 14 tin 120 8 -13 60 ß 30 12 mdo Ę 15 11 2 10 8 4 9 2 8 Ω Mav22/24 Mav22 21µ 14µ 38, Viscosity @ 40°C Acid Number 52 0.50 Abnormal 50 0.45 0.40 48 Base 46 cSt (40°C) 44 0.25 Numper 0.20 42 U PCIQ 0.15 40 0.10 Abnormal 38. 0.05 0.00-36 May22/24 May22/24 May22/24 Mav22/24

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Contact/Location: JOHN FARDELLA - VOLVO0093