

CONSTRUCTION EQUIPMENT VOLVO EC480EL 314810 - HYDRAULIC SYSTEM



VCP416096 Sample No:

Oil Type:	AW HYDRAULIC OIL ISO 46
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Job No:

Sample Number	-	VCP416096	 	
Sample Date		23 May 2024	 	 SCOTT EQUIPMEN
Machine Hours		2054	 	 1231 BRIDGEST
Dil Hours		0	 	 LAVERGNE, TN
Oil Changed		Not Changd	 	 US 37086
Sample Status		ATTENTION	 	 Contact: CLAY (
				CCOULTER@SC
OIL CON	DITION			T: (615)793-388 F: (615)793-965
visc @ 40°C	cSt	43.1	 	
Acid Number (AN) mg KOH/g	0.55	 	 D' '
				Diagnosis
CONTAM	ΙΝΔΤΙΩΝ			We recommen
	-		 -	 on this compo
Water	%	NEG	 	 next service in fluid was not s
Particles >4µm		6844	 	 fluid match inc
articles >6µm		929	 	 (GENERIC) AW
Particles > 14µm		23	 	 46. Please cor
SO 4406:1999 (c)		20/17/12	 	 All component
Silicon	ppm	3	 	 There is a light
Sodium	ppm	0	 	 (particulates <
Potassium	ppm	0	 	 present in the acceptable for
VOLVO				condition of th
🤍 WEAR M	ETALS			further service.
ron	ppm	0	 	
Copper	ppm	9	 	
ead	ppm	0	 	
Гin	ppm	0	 	
Aluminum	ppm	0	 	
Chromium	ppm	0	 	
Molybdenum	ppm	0	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
/langanese	ppm	■ <1	 	
/anadium	ppm	0	 	
ADDITIV	ES			
Calcium	ppm	4 6	 	
Magnesium	ppm	□ -1	 	
Zinc	ppm	413	 	
hosphorus	ppm	338	 	
Barium	ppm	0	 	
Boron	ppm	0	 	

OTT EQUIPMENT COMPANY LLC - Lavergne 31 BRIDGESTONE PARKWAY VERGNE, TN 37086 ontact: CLAY COULTER COULTER@SCOTTCOMPANIES.COM (615)793-3888

iagnosis

le recommend you service the filters n this component. Resample at the ext service interval to monitor. The uid was not specified, however, a uid match indicates that this fluid is SENERIC) AW HYDRAULIC OIL ISO 6. Please confirm. Il component wear rates are normal. here is a light amount of silt particulates < 14 microns in size) resent in the oil. The AN level is cceptable for this fluid. The ondition of the oil is suitable for Irther service.

pot: VOLVO0129 11048871 ique No: Wes Davis Signed: Report Date: 29 May 2024

Contact/Location: CLAY COULTER - VOLVO0129

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 2 7.680 -20 orma 3,840 -19 Ω 1,920 -18 🛛 nber of particles (per 1 ml) May/23/24 Mav23/24 4406:1999 Cleanlines: 960 17 Non-ferrous Metals 480 16 10 15 240 copper q lead 14 00 tin 120 8 -13 60 ß 30 -12 mdo Ę -11 15 2 8 10 4 .9 2 -8 Ω Mav23/24 May23/24 0, 21µ 14μ 38 Viscosity @ 40°C Acid Number 52-1.00-Abnormal 51 Abnorma 0.90 50 49 0.80 (B/HO) BW) 0.60 48 47 cSt (40°C) 46 un 0.50 Jagung 0.40 45 44 Acid 1 0.30 43 42 Abnorma 0.20 41 Abnormal 0.10 40 0.00-39 May23/24 Mav23/24 May23/24 Mav23/24

Report Id: VOLVO0129 [WUSCAR] 06192119 (Generated: 05/29/2024 13:34:32) Rev: 1

Contact/Location: CLAY COULTER - VOLVO0129