CONSTRUCTION EQUIPMENT B51667 HASLAM PONSSE A011099 - HYDRAULIC SYSTEM

Sample No:VCP449158Oil Type:AW HYDRAULIC OIL ISO 46Job No:B51667 HASLAM

SAMPLE INFORMATION

VOLVO

Sample Date		10 Jun 2024				
Machine Hours		1944				
Oil Hours		0				
Oil Changed		Changed				
Sample Status		NORMAL				
OIL CONDITION						
Visc @ 40°C	cSt	41.5				
Acid Number (AN)	mg KOH/g	0.49				

VCP449158

CONTAM	INATION			
Water	%	NEG	 	
Particles >4µm		1185	 	
Particles >6µm		355	 	
Particles >14µm		23	 	
ISO 4406:1999 (c)		17/16/12	 	
Silicon	ppm		 	
Sodium	ppm	□ <1	 	
Potassium	ppm	 <1	 	

🎾 WEAR METALS

Iron	ppm	3	 	
Copper	ppm	3	 	
Lead	ppm	□ <1	 	
Tin	ppm	0	 	
Aluminum	ppm	0	 	
Chromium	ppm	0	 	
Molybdenum	ppm	0	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	<1	 	

VOLVO

ADDITI	VES			
Calcium	ppm	57	 	
Magnesium	ppm		 	
Zinc	ppm	552	 	
Phosphorus	ppm	402	 	
Barium	ppm	0	 	
Boron	ppm	0	 	



CHADWICK-BAROSS INC

188 PERRY ROAD BANGOR, ME US 04401 Contact: TED MENARD Ted.Menard@chadwick-baross.com T: (207)942-4838 F: (207)941-0856

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) AW HYDRAULIC OIL ISO 46. Please confirm.

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.

 Depot:
 VOLVO007

 Unique No:
 11082868

 Signed:
 Wes Davis

 Report Date:
 17 Jun 2024

Contact/Location: TED MENARD - VOLVO0007

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 🛛 Jun10/24 nber of particles (per 1 ml) Jun10/24 4406:1999 Cleanlines 960 17 Non-ferrous Metals 16 480 10 15 copper 240 q m lead 14 120 8 -13 60 ß 30 12 mdo Ę 15 11 2 10 8 4 2 0-Jun 10/24 Jun10/24 0, 21µ 38µ 14µ 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 Jungung 0.40 45 44 , Pick 0.30 43 42 Abnorma 0.20 41 Abnormal 0.10 40 0.00-39 Jun10/24 10/24 Jun10/24 Jun 10/24 In

Report Id: VOLVO0007 [WUSCAR] 06210004 (Generated: 06/17/2024 10:29:55) Rev: 1

Contact/Location: TED MENARD - VOLVO0007