VOLVO

## CONSTRUCTION EQUIPMENT 0336 VOLVO L260 1358 - HYDRAULIC SYSTEM



Sample No:VCP438966Oil Type:AW HYDRAULIC OIL ISO 46

ppm

ppm

0

■ <1

Job No:

**No:** 0336

VOLVO				
	FORMATION			
Sample Number	-	VCP438966		 
Sample Date		15 Jan 2024		 
Machine Hours		1051		 
Oil Hours		0		 
Oil Changed		Not Changd		 
Sample Status		ABNORMAL		 
		· .	- <u>-</u>	
Visc @ 40°C	cSt	<b>42.4</b>		 
Acid Number (AN)	mg KOH/g	0.44		 
CONTAMI				
Water	%	NEG		 
Particles >4µm		<u> </u>		 
Particles >6µm		<b>6734</b>		 
Particles >14µm		<u> </u>		 
ISO 4406:1999 (c)		22/20/16		 
Silicon	ppm	<b>■</b> <1		 

#### 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

We advise that you perform a filter service, and use off-line filtration to improve the cleanliness of the system fluid. We recommend an early resample to monitor this condition. 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. There is a moderate amount of particulates (2 to 100 microns in size) present in the oil. The AN level is acceptable for this fluid. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

WEAR METALS						
Iron	ppm	0				
Copper	ppm	2				
Lead	ppm	<b></b> <1				
Tin	ppm					
Aluminum	ppm	0				
Chromium	ppm	<b></b> <1				
Molybdenum	ppm	0				
Nickel	ppm	0				
Titanium	ppm	0				
Silver	ppm	0				
Manganese	ppm	□<1				
Vanadium	ppm	0				

VOLVO

Sodium

Potassium

Calcium	ppm	<b>47</b>					
Magnesium	ppm	2					
Zinc	ppm	432					
Phosphorus	ppm	325					
Barium	ppm	0					
Boron	ppm	0					

 Depot:
 VOLVO0093

 Unique No:
 10835612

 Signed:
 Wes Davis

 Report Date:
 19 Jan 2024

## **CONSTRUCTION EQUIPMENT**



# GRAPHS

VOLVO

#### Ferrous Alloys A Particle Count 491.520-10 T -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 Abnorma 3,840 -19 0 1,920 18 🛛 Jan 15/24 nber of particles (per 1 ml) Jan 15/24 4406:1999 Cleanlines: 960 17 Non-ferrous Metals 16 480 10 15 copper 240 q m lead 14 tin 120 8 -13 60 ß 12 30 mdo Ę 15 11 2 8 10 4 2 8 0 ..... Jan 15/24 Jan 15/24 0, 21µ 38µ 14µ Viscosity @ 40°C Acid Number 52-1.00 T Abnormal 51 Abnorma 0.90 50 49 0.80 (B/HO) 0.60 0.60 KOH/8) 0.50 0.40 48 47 cSt (40°C) 46 45 44 Acid 1 43 Abnormal 42 0.20 41 Abnormal 0.10 40 39 0.00-Jan 15/24 Jan 15/24 Jan 15/24 Jan 15/24

Report Id: VOLVO0093 [WUSCAR] 06064230 (Generated: 01/20/2024 11:46:22) Rev: 1

Contact/Location: KENNY HANEY - VOLVO0093