

## **CONSTRUCTION EQUIPMENT ARCOSA AGG - HYDRAULIC SYSTEM**

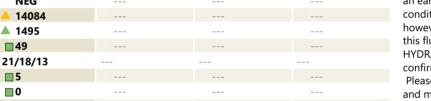


VC06068339 Sample No:

**Oil Type:** AW HYDRAULIC OIL ISO 46

Job No:

VOLVO							
	FORMATION						
Sample Number	-	VC06068339					
Sample Date		02 Jan 2024					
Machine Hours		0					
Oil Hours		0					
Oil Changed		N/A					
Sample Status		ABNORMAL					
OIL CONDITION							
Visc @ 40°C	cSt	<b>50.5</b>					
Acid Number (AN)	mg KOH/g	0.42					
	IATION						
Water	%	NEG					
Particles >4µm		<b>A</b> 14084					
Particles >6µm		<b>1495</b>					
Particles >14µm		<b>49</b>					
ISO 4406:1999 (c)		21/18/13					



Potassium

Silicon

Sodium

ppm

ppm

ppm

5

0

2

TALS				
ppm	7			
ppm	3			
ppm	3			
ppm	<b>1</b>			
ppm	2			
ppm				
ppm	2			
ppm				
ppm	<1			
ppm	0			
ppm	<b>  </b> <1			
ppm	<1			
	ppm ppm ppm ppm ppm ppm ppm ppm ppm	ppm       7         ppm       3         ppm       1         ppm       2         ppm       <1	ppm     7        ppm     3        ppm     3        ppm     1        ppm     2        ppm     <1	ppm       7           ppm       3           ppm       3           ppm       1           ppm       2           ppm       <1

Calcium	ppm	<b>42</b>					
Magnesium	ppm	33					
Zinc	ppm	426					
Phosphorus	ppm	316					
Barium	ppm	<b></b> <1					
Boron	ppm	0					



SCOTT EQUIPMENT COMPANY LLC - Baton Rouge

10160 AIRLINE HWY BATON ROUGE, LA US 70816 Contact: BRENT CALDWELL bcaldwell@scottcompanies.com T: (225)293-3683 F: (225)292-9658

## Diagnosis

We recommend you service the filters on this component. 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.

Please specify the component make and model with your next sample.All component wear rates are normal. There is a moderate amount of silt (particulates < 14 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.

Depot: VOLVO6242 Unique No: 10845016 Signed: Wes Davis Report Date: 24 Jan 2024

## **CONSTRUCTION EQUIPMENT**



🧭 GRAPHS

VOLVO

## Ferrous Alloys Particle Count 491.520-10 --26 iron 9 chromium 245,760 -25 •• nickel 8 122,880 24 61,440 -23 6 mdo E, 30,720 -22 15,360 -21 7,680 20 3,840 -19 ..... ſ 1,920 18 🛛 (per 1 ml) Jan2/24 Jan2/24 4406:1999 Cleanlines: 960 17 nber of particles Non-ferrous Metals 480 16 10 15 copper 240 q nn lead 14 tin 120 8 -13 60 ß 12 30 mdo 5 15 11 10 1 8 4 2 0 Jan2/24 Jan2/24 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 0.50 kOH/8) 0.50 0.40 48 47 cSt (40°C) 46 45 44 Acid 1 43 42 Abnorma 0.20 41 Abnorma 0.10 40 39 0.00-Jan2/24 -Jan2/24 Jan2/24 Jan2/24

Report Id: VOLVO6242 [WUSCAR] 06068339 (Generated: 01/24/2024 17:33:46) Rev: 1

Contact/Location: BRENT CALDWELL - VOLVO6242