CONSTRUCTION EQUIPMENT 380994-1 ALTER SENNEBOGEN 825 825.0.2552 - HYDRAULICS

Sample No: VCP082785

VOLVO

Oil Type: SENNEBOGEN/MAYBE SHELL ISO 46 Job No:

380994-1 ALTER

SAMPLE INFORMATION

Sample Number		VCP082785				
Sample Date		11 Oct 2023				
Machine Hours		9930				
Oil Hours		9930				
Oil Changed		Not Changd				
Sample Status		ABNORMAL				
OIL CONDI	TION					
Visc @ 40°C	cSt	42.4				
Acid Number (AN)	mg KOH/g	0.50				
CONTAMINATION						

Particles >4µm		A 25520	 	
Particles >6µm		<u> </u>	 	
Particles >14µm		4 531	 	
ISO 4406:1999 (c))	22/20/16	 	
Silicon	ppm	2	 	
Sodium	ppm	8	 	
Potassium	ppm	0	 	

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Iron	ppm	15	 	
Copper	ppm	2	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	0	 	
Chromium	ppm	🔺 15	 	
Molybdenum	ppm	2	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	

Applitae2						
Calcium	ppm	291				
Magnesium	ppm	27				
Zinc	ppm	505				
Phosphorus	ppm	409				
Barium	ppm	0				
Boron	ppm	3				



ALTA EQUIPMENT COMPANY

1035 WYLIE DRIVE BLOOMINGTON, IL US 61705 Contact: JUSTIN PERRY justin.perry@altg.com T: (309)533-9285 F:

Diagnosis

The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. The chromium level is abnormal. All other component wear rates are normal. There is a high amount of particulates present in the oil. The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

Depot: VOLVO5054 Unique No: 10699623 Signed: Angela Borella Report Date: 19 Oct 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO

Ferrous Alloys A Particle Count 16-491.520--26 m chromium 245,760 14 -25 •• nickel 12 122,880 -24 10 61,440 -23 ppm 8 30,720 -22 6 15,360 -21 7,680 20 bnorma 2 3,840 -19 0 1,920 -18 🛛 0ct11/23 nber of particles (per 1 ml) 1/23 4406:1999 Cleanlines: Oct11 960 17 Non-ferrous Metals 16 480 10 15 copper 240 q 🛤 lead 14 tin 120 8 -13 60 ß 30 12 mdd Ę 15 11 3 8 10 4 2 8 0 0ct11/23 0ct11/23 0, 21µ 14μ 38µ Viscosity @ 40°C Acid Number 52-0.55 51 Abnorma 0.50 50 0.45 49 (^B/HOX 0.35 48 47 (D=046 45 Ē 0.30 Vin Number Vicio Acid 44 43 42 0.10 41 Abnormal 0.05 40 0.00-39 0ct11/23 0ct11/23 0ct11/23 0ct11/23

Report Id: VOLVO5054 [WUSCAR] 05982328 (Generated: 10/22/2023 20:00:23) Rev: 1

Contact/Location: JUSTIN PERRY - VOLVO5054