CONSTRUCTION EQUIPMENT 19014 BLUE RIDGE SAN VOLVO A25G 740351 - HYDRAULIC SYSTE

Sample No: VCP407166 **Oil Type:**

VOLVO

VOLVO SUPER HYDRAULIC OIL 46

Job No:

19014 BLUE RIDGE SAN

VOLVO								
	IFORMATION							
Sample Number	-	VCP407166						
Sample Date		26 Jun 2023						
Machine Hours		6581						
Oil Hours		6581						
Oil Changed		Changed						
Sample Status		ATTENTION						
OIL CONDITION								
Visc @ 40°C	cSt	40.1						
Acid Number (AN)	mg KOH/g	0.46						

Particles >4µm		9577						
Particles >6µm		2896						
Particles >14µm		<u> </u>						
ISO 4406:1999 (c))	20/19/15						
Silicon	ppm	9						
Sodium	ppm	2						
Potassium	ppm	0						

WEAR METALS Iron ppm 8 Copper 6 🔲 ppm Lead ppm 2 Tin 0 ppm Aluminum 6 🔲 ppm ■ <1 Chromium ppm Molybdenum ppm <1 Nickel 0 ppm Titanium <1 ppm Silver ppm 0 Manganese ppm ■ <1 Vanadium 0 ppm

ADDITIVES 447 Calcium ppm Magnesium 9 ppm Zinc 485 ppm Phosphorus 404 ppm Barium 0 🔲 ppm Boron 0 ppm



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T:

Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. There is a moderate amount of particulates present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Depot: VOLVO8769 Unique No: 10538821 Signed: Don Baldridge Report Date: 04 Jul 2023

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 7.680 20 -19 3,840 _____ ſ 1,920 -18 🛛 nber of particles (per 1 ml) Jun26/23 Jun26/23 4406:1999 Cleanlines: 960 17 Non-ferrous Metals 16 480 10 15 copper 240 q lead 14 tin 120 8 -13 60 6 30 12 mdo Ę 15 11 3 10 8 ema 2 0 Jun26/23 Jun26/23 21µ 38µ 14μ Viscosity @ 40°C Acid Number 52 0.50 Abnormal 50 0.45 0.40 48 Base 46 cSt (40°C) 41 0.25 Numper 0.20 42 U PCIQ 0.15 40 0.10 Abnormal 38 0.05 36 0.00-Jun26/23 Jun26/23 lun26/23 Jun26/23

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Contact/Location: BRANDON JENKINS - VOLVO8769