CONSTRUCTION EQUIPMENT 2740-1 VOLVO A45G 752009 - HYDRAULIC SYSTEM



Sample No: VCP429151 Oil Type: VOLVO SUPER

VOLVO

Туре:	VOLVO SUPER HYDRAULIC OIL 46
No:	2740-1

Job No:

SAMPLE INFORMATION VCP429151 Sample Number Sample Date 12 Dec 2023 Machine Hours 575 Oil Hours 575 Oil Changed Not Changd ATTENTION Sample Status **OIL CONDITION** Visc @ 40°C cSt 44.4 Acid Number (AN) mg KOH/g 0.49 CONTAMINATION NEG Water % 13508 Particles >4µm

Particles >6µm		3643	 	
Particles >14µm		<u> </u>	 	
ISO 4406:1999 (c))	21/19/15	 	
Silicon	ppm	2	 	
Sodium	ppm	□<1	 	
Potassium	ppm	0	 	

WEAR METALS

WLAR ME	IALS			
Iron	ppm	■ <1	 	
Copper	ppm	1	 	
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	0	 	

VOLVO

Calcium	ppm	56			
Magnesium	ppm	0			
Zinc	ppm	425			
Phosphorus	ppm	333			
Barium	ppm	0			
Boron	ppm	0			



MCCLUNG-LOGAN EQUIPMENT CO - BRIDGEVILLE

17941 SUSSEX HIGHWAY BRIDGEVILLE, DE US 19933 Contact: MATT CLARK MCLARK@mcclung-logan.com T: (302)337-3400 F: (302)337-9083

Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor.All component wear rates are normal. There is a light amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

 Depot:
 VOLV01023

 Unique No:
 10792958

 Signed:
 Wes Davis

 Report Date:
 19 Dec 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 2 7,680 20 3,840 -19 Ω 1,920 -18 🛛 nber of particles (per 1 ml) 2/23 Dec12/23 4406:1999 Cleanlines: Dec1 960 17 Non-ferrous Metals 16 480 10 15 copper 240 q Iead 14 tin 120 8 -13 60 ß 12 30 mdo Ę 15 11 2 10 8 emal 2 Ω 2/23 Dec12/23 Dec1 21µ 38µ 14µ Viscosity @ 40°C Acid Number 52 0.50 Abnormal 50 0.45 0.40 48 Base 46 cSt (40°C) 44 0.25 Numper 0.20 42 U PCIQ 0.15 40. 0.10 38 Abnormal 0.05 0.00-36 Dec12/23 -Dec12/23 Dec12/23 Dec12/23

Report Id: VOLVO1023 [WUSCAR] 06037729 (Generated: 12/19/2023 09:42:04) Rev: 1

Contact/Location: MATT CLARK - VOLVO1023