

CONSTRUCTION EQUIPMENT VOLVO EC60 315353 - HYDRAULIC SYSTEM



Sample No: VCP417074

Oil Type:	VOLVO SUPER HYDRAULIC OIL 46
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Job No:

	FORMATION			
Sample Number		VCP417074	 	
Sample Date		28 Jul 2023	 	
Machine Hours		411	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
		ABNORMAL		
Sample Status		ABNORMAL	 	
VOLVO				
V OIL CONDI	TION			
Visc @ 40°C	cSt	44.0	 	
Acid Number (AN)	mg KOH/g	0.38	 	
	<u> </u>			
Contamin	TATION			
Particles >4µm		A 37490	 	
Particles >6µm		<u> </u>	 	
Particles >14µm		<u> </u>	 	
SO 4406:1999 (c)		22/20/15	 	
Silicon	ppm	 <1	 	
Sodium	ppm	0	 	
Potassium	ppm	 <1	 	
WEAR ME	TAIS			
<u> </u>				
ron	ppm	2	 	
Copper	ppm	5	 	
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	 	
	7			
<u> </u>		- 02		
Calcium	ppm	93	 	
Magnesium	ppm		 	
Zinc	ppm	491	 	
Phosphorus	ppm	365	 	
Barium Boron	ppm ppm	□ 1 □ 0	 	

ID ASSOCIATES

SHER AVENUE FL 19 ROBERT TURNER pripatampa.com

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ommend you service the filters component. We recommend resample to monitor this on.All component wear rates nal. There is a moderate of silt (particulates < 14 in size) present in the oil. The is acceptable for this fluid. is still serviceable provided contaminant(s) can be to acceptable levels.

Depot:	RIPTAM		
Unique No:	10606010		
Signed:	Wes Davis		
Report Date:	17 Aug 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 Abnormal 3,840 -19 0 1,920 -18 🛛 Jul28/23 nber of particles (per 1 ml) Jul28/23 4406:1999 Cleanlines: 960 17 Non-ferrous Metals 16 480 10 15 copper 240 q m lead 14 tin 120 8 -13 60 6 30 12 mdo Ę 15 -11 3 8 10 4 9 2 8 Ω Jul28/23 Jul28/23 0, 21µ 38µ 14µ Viscosity @ 40°C Acid Number 52 0.40 Abnormal 50 0.35 48 0.30 (D/HO) 0.25 0.20 W mper (mg KOH/d) 0.25 Base 46 cSt (40°C) 44 42 0.15 Acid 40 0.10 38-Abnormal 0.05 36 0.00-Jul28/23 Jul28/23 Jul28/23 Jul28/23

Report Id: RIPTAM [WUSCAR] 05926063 (Generated: 08/17/2023 11:17:03) Rev: 1

Contact/Location: ROBERT TURNER - RIPTAM