CONSTRUCTION EQUIPMENT 133832 VOLVO L260H 1362 - HYDRAULIC SYSTEM



Sample No:VCP416978Oil Type:AW HYDRAULIC OIL ISO 46Job No:133832

VOLVO

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Ň	SAMPLE IN	IFORMATION					
Sample Number		VCP416978					
Sample Date		24 Jul 2023					
Machine Hours		595					
Oil Hours		0					
Oil Changed		Not Changd					
Sample Status		NORMAL					
OIL CONDITION							
Vis	sc @ 40°C	cSt	42.4				
Ac	id Number (AN)	mg KOH/g	0.47				

CONTAMINATION							
Particles >4µm		2239					
Particles >6µm		247					
Particles >14µm		23					
ISO 4406:1999 (c))	18/15/12					
Silicon	ppm	 <1					
Sodium	ppm	2					
Potassium	ppm	□ <1					

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

Calcium	ppm	49			
Magnesium	ppm	4			
Zinc	ppm	419			
Phosphorus	ppm	315			
Barium	ppm	□ <1			
Boron	ppm	0			

LATTIMORE MATERIALS/HOLCIM - ROSSER - LAFARGE 14242 S SH-34 SCURRY, TX US 75158 Contact: WALLACE WARREN wallace.warren@lafargeholcim.com T: F:

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) AW HYDRAULIC OIL ISO 46. Please confirm.

All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Depot:	LATSCU
Unique No:	10587931
Signed:	Wes Davis
Report Date:	07 Aug 2023

Contact/Location: WALLACE WARREN - LATSCU

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO

Particle Count Ferrous Alloys 491,520 10 T -26 iron 9 chromium 245,760 -25 nickel 8 122,880 24 61,440 -23 ß mdo 5 30,720 -22 15,360 -21 2 7,680 20 Abnorma 3,840 -19 0 1,920 -18 🛛 Jul24/23 nber of particles (per 1 ml) //23 4406:1999 Cleanlines Jul24 960 17 Non-ferrous Metals 16 480 10 15 copper 240 q Iead 14 tin 120 8 -13 60 ß 30 12 mdo 5 15 11 2 10 8 4 2 8 0 Jul24/23 Jul24/23 0, 21µ 14µ 38µ Viscosity @ 40°C Acid Number 52-1.00 T Abnormal Abnormal 0.90 50 0.80 48 (B/HO) 0.60 0.50 Wind KOH/B) 0.50 0.40 ₿ (10°05) tS2 44 Acid 1 42 Abnormal 0.20 Abnormal 40 0.10 38 0.00-Jul24/23 Jul24/23 Jul24/23 Jul24/23

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Contact/Location: WALLACE WARREN - LATSCU