CONSTRUCTION EQUIPMENT A12360 OLD CASTLE VOLVO L120H 633555 - HYDRAULIC SYSTEM

Sample No:VCP440473Oil Type:MOBIL HYDRAULIC OIL AW 46

A12360 OLD CASTLE

VOLVO

Job No:

SAMPLE INFORMATION VCP440473 Sample Number Sample Date 04 Apr 2024 Machine Hours 1325 Oil Hours 1325 Oil Changed Not Changd ATTENTION Sample Status OIL CONDITION Visc @ 40°C cSt 44.9 Acid Number (AN) mg KOH/g 0.52 CONTAMINATION

Water	%	NEG	 	
Particles >4µm		4039	 	
Particles >6µm		1299	 	
Particles >14µm		134	 	
ISO 4406:1999 (c)		19/17/14	 	
Silicon	ppm	2	 	
Sodium	ppm	 <1	 	
Potassium	ppm	0	 	
Potassium	ppm	0	 	

WEAR METALS

Iron	ppm	0	 	
Copper	ppm	0	 	
Lead	ppm	0	 	
Tin	ppm		 	
Aluminum	ppm	0	 	
Chromium	ppm	0	 	
Molybdenum	ppm	□<1	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	

VOLVO

Calcium	ppm	457					
Magnesium	ppm	■11					
Zinc	ppm	533					
Phosphorus	ppm	414					
Barium	ppm	0					
Boron	ppm	□<1					



HOFFMAN EQUIPMENT - LIONVILLE

120 GORDON DRIVE LIONVILLE, PA US 19341 Contact: JIM FEHR jim.fehr@hoffmanequip.com T: (610)363-9200 F: (610)594-0829

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:
 VOLVO8879

 Unique No:
 10968965

 Signed:
 Wes Davis

 Report Date:
 11 Apr 2024

 Contact/Location:
 JIM FEHR - VOLVO8879

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO

Ferrous Alloys Particle Count 10 - 491,520--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 -19 3,840 0 1,920 18 🛛 Apr4/24 Apr4/24 nber of particles (per 1 ml) 4406:1999 Cleanlines 17 960 Non-ferrous Metals 480 16 10 15 copper 240 9 lead 14 120 8 -13 60 ß 30 12 mdo Ę 15 -11 2 10 8 ema 2 8 Ω Apr4/24 Apr4/24 21µ 14µ 38, Viscosity @ 40°C Acid Number 52 0.55 Abnormal 50 0.50 0.45 48 (^B/HOX 0.35 Base 46 cSt (40°C) 44 Ē 0.30 Vin Number Vicio Acid 42 40 Abnormal 0.10 38 0.05 0.00-36 Apr4/24. Apr4/24 Apr4/24 Apr4/24

Report Id: VOLVO8879 [WUSCAR] 06144157 (Generated: 04/11/2024 10:33:50) Rev: 1

Contact/Location: JIM FEHR - VOLVO8879