

 Sample No:
 VCP418774

 Oil Type:
 MOBIL 15W40

 Job No:
 W02007642

VOLVO				
SAMPLE IN	NFORMATION			
Sample Number		VCP418774	 	
Sample Date		24 Oct 2023	 	
Machine Hours		758	 	
Oil Hours		758	 	
Oil Changed		Changed	 	
Sample Status		ABNORMAL	 	
OIL CONDI	TION			
	-	A 42.2		
Visc @ 100°C	cSt	▲ 12.3	 	
Base Number (BN)		■ 5.8	 	
Oxidation (PA)	%	60	 	
VOLVO				
CONTAMIN	NATION			
Soot %	%	0.1	 	
Nitration (PA)	%	59	 	
Sulfation (PA)	%	51	 	
Glycol	%	NEG	 	
Fuel	%	■0.2	 	
Silicon	ppm	■25	 	
Sodium	ppm	■3	 	
Potassium	ppm	4	 	
VOLVO	TALC			
WEAR ME	IAL2	•		
Iron	ppm	2 4	 	
Copper	ppm	<u> </u>	 	
Lead	ppm	■ <1	 	
Tin	ppm	■ <1	 	
Aluminum	ppm	■8	 	
Chromium	ppm	■ <1	 	
Molybdenum	ppm	■ 54	 	
Nickel	ppm	■ <1	 	
Titanium	ppm	2	 	
Silver	ppm	■3	 	
Manganese	ppm	2	 	
Vanadium	ppm	0	 	
VOLVO				
ADDITIVES	5			
Calcium	ppm	1650	 	
Magnesium	ppm	426	 	
Zinc	ppm	1191	 	
Phosphorus	ррт	987	 	
Barium	ppm	0	 	
Boron	ppm	8	 	
201011	PPIII			

MCCLUNG-LOGAN EQUIPMENT CO - MANASSAS 8450 QUARRY ROAD MANASSAS, VA US 20110 Contact: MIKE MAYHUGH MMAYHUGH@MCCLUNG-LOGAN.COM T: (703)393-7344

Diagnosis

F: (703)393-7844

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. The copper level is abnormal. In the absence of other significant wear metals, suspect copper due to sources other than wear (i.e. cooling core). All other metal levels are typical for a new component breaking in. Fuel content negligible. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

 Depot:
 VOLVO0002

 Unique No:
 10714118

 Signed:
 Don Baldridge

 Report Date:
 31 Oct 2023



CONSTRUCTION EQUIPMENT





