CONSTRUCTION EQUIPMENT W07013984-1 GEN RV VOLVO L20H 1220565 - DIESEL ENGINE

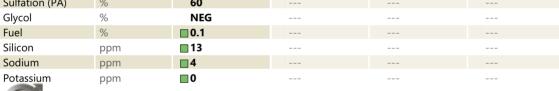
 Sample No:
 VCP413034

 Oil Type:
 DIESEL ENGINE OIL SAE 15W40

 Job No:
 W07013984-1 GEN RV

VOLVO

#### SAMPLE INFORMATION Sample Number VCP413034 Sample Date 18 Dec 2023 Machine Hours 623 Oil Hours 0 Changed Oil Changed ATTENTION Sample Status **OIL CONDITION** Visc @ 100°C cSt **11.0** Base Number (BN) mg KOH/g 9.3 Oxidation (PA) % 82 CONTAMINATION NEG % Water Soot % % 0 Nitration (PA) % 62 % 60 Sulfation (PA) Glycol % NEG



## WFAR METALS

WEAK	METALS			
Iron	ppm	<b>10</b>	 	
Copper	ppm	<b>11</b>	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	<b>1</b>	 	
Chromium	ppm	0	 	
Molybdenum	ppm	31	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	2	 	
Vanadium	ppm	0	 	

#### **ADDITIVES** 1743 Calcium ppm 391 🔲 Magnesium ppm Zinc 954 ppm Phosphorus 755 ppm Barium 2 ppm 48 Boron ppm



### MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND

1345 MOUNTAIN ROAD GLEN ALLEN, VA US 23060 Contact: KATHRYN MULCAHEY kmulcahey@mcclung-logan.com T:

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## Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.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:
 VOLVO8882

 Unique No:
 10805139

 Signed:
 Jonathan Hester

 Report Date:
 29 Dec 2023

Report Id: VOLVO8882 [WUSCAR] 06044531 (Generated: 12/29/2023 11:46:36) Rev: 1

Contact/Location: KATHRYN MULCAHEY - VOLVO8882

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO

