CONSTRUCTION EQUIPMENT SPM620877-10 BONACCI VOLVO EC350 310252 - REAR LEETEIN

 Sample No:
 VCP409103

 Oil Type:
 GEAR OIL SAE 80W90

 Job No:
 SPM620877-10 BONACCI

VOLVO

VOLVO				
SAMPLE	E INFORMATION	I		
Sample Number	-	VCP409103	 	
Sample Date		25 Oct 2023	 	
Machine Hours		5195	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		SEVERE	 	
OIL CON	DITION			
Visc @ 40°C	cSt	▲ 68.1	 	
VOLVO CONTAN				
	MINATION			
Water	%	0.125	 	
Silicon	ppm	e 2190	 	
Sodium	ppm	48	 	
Potassium	ppm	126	 	
VOLVO				
WEAR N	METALS			
Iron	ppm	4052	 	
Copper	ppm	22	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	4 268	 	
Chromium	ppm	42	 	
Molybdenum	ppm	5	 	
Nickel	ppm	6	 	
Titanium	ppm	1 4	 	
Silver	ppm	0	 	
Manganese	ppm	24	 	
Vanadium	ppm	0	 	
VOLVO			 	

ADDITIVES Calcium 392 ppm Magnesium ppm 69 Zinc ppm 388 🔲 Phosphorus 551 ppm Barium 3 ppm 45 Boron ppm



ALTA EQUIPMENT COMPANY - METRO WEST

56195 PONTIAC TRAIL NEW HUDSON, MI US 48165 Contact: NATE ROSZCZEWSKI nate.roszczewski@altaequipment.com T: F: (248)356-2029

Diagnosis

We advise that you check all areas where dirt can enter the system. We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The water content is negligible. The oil viscosity is lower than normal. Confirm oil type. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

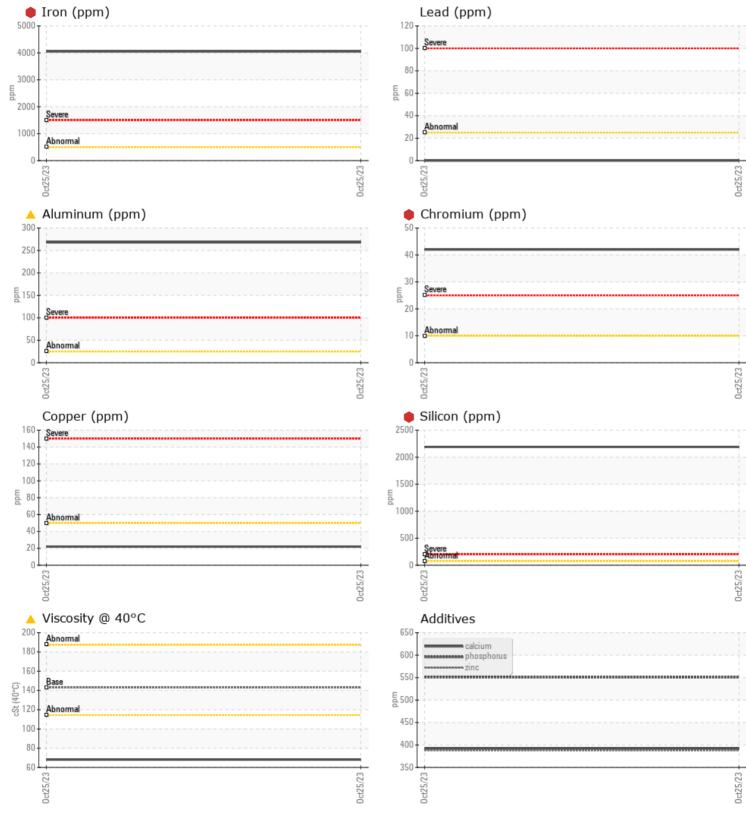
Depot:	VOLVO2990		
Unique No:	10738479		
Signed:	Sean Felton		
Report Date:	14 Nov 2023		

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO2990 [WUSCAR] 06004717 (Generated: 11/16/2023 04:15:43) Rev: 1

Contact/Location: NATE ROSZCZEWSKI - VOLVO2990