CONSTRUCTION EQUIPMENT 567315 MOTOR CITY VOLVO L220H 3365 - REAR AXLE

 Sample No:
 VCP407609

 Oil Type:
 VOLVO WB 102

 Job No:
 567315 MOTOR CITY

VOLVO

Sample Number VCP407609 Sample Date 29 Jun 2023 Machine Hours 1996 Oil Hours 1996 Oil Changed Not Changd Sample Status NORMAL Visc @ 40°C CSt 42.5 Visc @ 40°C CSt 42.5 Sodium ppm 12 Sodium ppm 8 Sodium ppm 8 Visc @ 40°C cSt 1 Sodium ppm 8 Visc @ 40°C cSt 1 <t< th=""><th></th><th>INFORMATION</th><th></th><th></th><th></th><th></th></t<>		INFORMATION						
Sample Date 29 Jun 2023 Machine Hours 1996 Oil Hours 1996 Sample Status Not Changd Sample Status NoRMAL OIL CONDITION Visc @ 40°C Cst 42.5 Solicon ppm 12 Sodium ppm 8 Veranticon pm 8 Visc @ 40°C cst Sodium ppm 8 Sodium ppm 8 Veranticon pm 0 Icon ppm 0								
Machine Hours 1996 Oil Hours I 1996 Oil Changed NORMAL Sample Status NORMAL Visc @ 40°C cSt 42.5 Visc @ 40°C cSt 42.5 Visc @ 40°C cSt 42.5 Solium ppm 12 Solium ppm <11								
Oil Hours 1996 Oil Changed Not Changd Sample Status NORMAL Visc @ 40°C cSt 42.5 Solicon pm 12 Solicon pm 12 Solium ppm 88 Solium ppm 66 Vetassium ppm 666 Copper ppm 0 Iron ppm								
Not Changd Sample Status NORMAL OLL CONDITION Visc @ 40°C cSt 42.5 CONTAMINATION Sodium ppm 12 Sodium ppm 8 Potassium ppm 66 Copper ppm 0 Iron ppm 0.66 Copper ppm 0.3 Iron ppm 0.1 Aluminum ppm 0.1 Nokel ppm 0.1 Iron ppm 0.1 Siloer pp								
Sample Status NORMAL OIL CONDITION Visc @ 40°C CSt 42.5 Sodium ppm 12 Sodium ppm 8 Potassim ppm 666 Votro Verant METALS Visc @ ppm 666 Copper ppm 90 Lead ppm 0 Aluminum ppm 0 Aluminum ppm 0 Molybdenum ppm 0 Nickel ppm 0 Silve								
Visc @ 40°C cSt 42.5 CONTAMINATION Silicon ppm 12 Sodium ppm 8 Potassium ppm 12 Verametrals Verametrals Verametrals Verametrals Verametrals Verametrals Ital ppm 0666 Copper ppm 0 Lead ppm 0 Aluminum ppm 22 Nickel ppm 0	-		_					
OIL CONDITION Visc @ 40°C cSt 42.5 CONTAMINATION Image: Contramination of the contredo the contredo	Sample Status		NORMAL					
OIL CONDITION Visc @ 40°C cSt 42.5 CONTAMINATION Image: Contramination of the contredo the contredo	VOLVO							
CONTAMINATION Silicon ppm 12 Sodium ppm 8 Potassium ppm <1								
CONTAMINATION Silicon ppm 12 Sodium ppm 8 Potassium ppm <1	Visc @ 40°C	cSt	42.5					
CONTAMINATION Silicon ppm 12 Sodium ppm 8 Potassium ppm <1								
Silicon ppm 12 Sodium ppm 8 Potassium ppm <1	VOLVO							
Sodium ppm 8 Potassium ppm <1		AINA HUN		-				
Potassium ppm <1 WEAR METALS Iron ppm 666 Copper ppm 3 Lead ppm 0 Aluminum ppm 0 Aluminum ppm 21 Chromium ppm 21 Molybdenum ppm 33 Nickel ppm 0 Silver ppm 0 Maganese ppm 0 Vol Magnesium ppm 3762	Silicon	ppm	12					
WEAR METALS Iron ppm 66 Copper ppm 3 Lead ppm 0 Aluminum ppm <1	Sodium	ppm	8					
WEAR METALS Iron ppm 666 Copper ppm 3 Lead ppm 0 Tin ppm 0 Aluminum ppm <1	Potassium	ppm	 <1					
WEAR METALS Iron ppm 666 Copper ppm 3 Lead ppm 0 Tin ppm 0 Aluminum ppm <1								
Copper ppm 3 Lead ppm 0 Tin ppm 0 Aluminum ppm Aluminum ppm Chromium ppm Molybdenum ppm 0 Nickel ppm 0 Silver ppm 0 Manganese ppm 0 Vanadium ppm 0 Calcium ppm 3762 Magnesium ppm 9								
Lead ppm 0 Tin ppm 0 Aluminum ppm <1	Iron	ppm	66					
Tin ppm 0 Aluminum ppm <1	Copper	ppm	3					
Aluminum ppm <1	Lead	ppm	0					
Chromium ppm 2 Molybdenum ppm 3 Nickel ppm 0 Titanium ppm 0 Silver ppm 0 Manganese ppm 0 Vanadium ppm 0 Calcium ppm 3762 Magnesium ppm 9 Zinc ppm 1579	Tin	ppm	0					
Molybdenum ppm 3 Nickel ppm 0 Titanium ppm 0 Silver ppm 0 Manganese ppm 0 Vanadium ppm 0 Vanadium ppm 0 Calcium ppm 3762 Magnesium ppm 9 Zinc ppm 1579	Aluminum	ppm	■<1					
Nickel ppm 0 Titanium ppm 0 Silver ppm 0 Manganese ppm 5 Vanadium ppm 0 Vanadium ppm 0 Calcium ppm 3762 Magnesium ppm 9 Zinc ppm 1579	Chromium	ppm	2					
Titanium ppm 0 Silver ppm 0 Manganese ppm 5 Vanadium ppm 0 Vanadium ppm 0 Calcium ppm 3762 Magnesium ppm 9 Zinc ppm 1579	Molybdenum	ppm	3					
Silver ppm 0 Manganese ppm 5 Vanadium ppm 0 Vanadium ppm 0 ADDITIVES Calcium ppm 3762 Magnesium ppm 9 Zinc ppm 1579	Nickel	ppm	0					
Silver ppm 0 Manganese ppm 5 Vanadium ppm 0 ADDITIVES Calcium ppm 3762 Magnesium ppm 9 Zinc ppm 1579	Titanium	ppm	0					
Vanadium ppm O ADDITIVES Calcium ppm 3762 Magnesium ppm 9 Zinc ppm 1579	Silver		0					
ADDITIVES Second state Second state <td>Manganese</td> <td>ppm</td> <td>5</td> <td></td> <td></td> <td></td>	Manganese	ppm	5					
ADDITIVES Calcium ppm 3762 Magnesium ppm 9 Zinc ppm 1579	Vanadium	ppm	0					
ADDITIVES Calcium ppm 3762 Magnesium ppm 9 Zinc ppm 1579								
Magnesium ppm 9 Zinc ppm 1579		/ES						
Magnesium ppm 9 Zinc ppm 1579	Calcium	ppm	3762					
Zinc ppm 1579	Magnesium							
	Phosphorus	ppm						



ALTA EQUIPMENT COMPANY - METRO WEST

56195 PONTIAC TRAIL NEW HUDSON, MI US 48165 Contact: PAUL CONZ paul.conz@altg.com T: F: (248)356-2029

Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot:	VOLVO2990		
Unique No:	10546427		
Signed:	Wes Davis		
Report Date:	06 Jul 2023		

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135

Barium

Boron

ppm

ppm

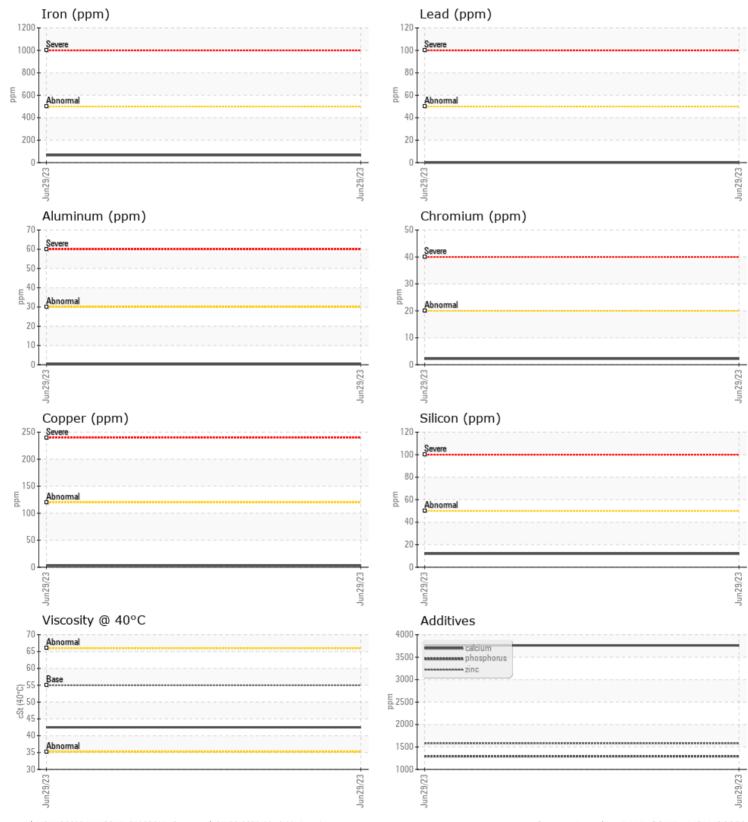
Contact/Location: PAUL CONZ - VOLVO2990

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO2990 [WUSCAR] 05890617 (Generated: 07/06/2023 11:40:18) Rev: 1

Contact/Location: PAUL CONZ - VOLVO2990