CONSTRUCTION EQUIPMENT 11550 VOLVO L220H 2373 - FRONT AXLE



Sample No: VCE72659 **Oil Type:** NOT GIVEN Job No: 11550

VOINTO

Silicon ppm 11 Sodium ppm 7 Potassium ppm 0 Potassium ppm 0 WEAR METALS Copper ppm 0 Lead ppm 0 Aluminum ppm <1 Molybdenum ppm <1 Silver ppm 0 Silver ppm 0 Silver ppm 0 Maganese ppm <1 Calcium ppm 3102 Maganesium ppm 29					
Sample Number VCE72659 Sample Date 01 Dec 2023 Machine Hours 4638 Oil Hours 0 Oil Changed N/A Sample Status NORMAL Visc @ 40°C CSt 51.2 Solion ppm 7 Solion ppm 7			N .		
Sample Date 01 Dec 2023 Machine Hours 4638 Dil Hours 0 Sample Status NORMAL Visc @ 40°C cSt 51.2 Sodium ppm 11 Sodium ppm 7 Sodium ppm 50 Kotes ppm 0					
Machine Hours 4638 Oil Hours 0 Oil Hours N/A Sample Status NORMAL OIL CONDITION Visc @ 40°C cSt 51.2 Water % NEG Sodium ppm 11 Sodium ppm 30 Iron ppm 0 Copper ppm 0 </td <td></td> <td></td> <td></td> <td> </td> <td></td>				 	
Oli Hours O Oil Changed N/A Sample Status NORMAL Oil CONDITION Visc @ 40°C CSt 51.2 Solition ppm 11 Solition ppm 7 Solition ppm 30 Copper ppm 0 Molybdenum ppm <1				 	
Dil Changed N/A Sample Status NORMAL Vice Que C CSt 51.2 Vice Que C CSt 51.2 Vice Que C CSt State NEG Vice Que C State NEG Water % NEG Solicon ppm 11 Solicon ppm 0 Solicon ppm 0 Solicon ppm 30 Copper ppm 30 Lead ppm 0 Molybdenum ppm 1 <td></td> <td></td> <td></td> <td> </td> <td></td>				 	
Sample Status NORMAL Visc @ 40°C cSt \$51.2 Water % NEG Solition ppm 11 Solition ppm 0 Vetassium ppm 0 Copper ppm 0 Lead ppm 0 Aluminum ppm 0 Kickel ppm 0 <				 	
Visc @ 40°C CSt 51.2 Visc @ 40°C CSt 51.2 CONTAMINATION Visc NEG Water % NEG Sodium ppm 11 Sodium ppm 7 Sodium ppm 7 Voccorr WEAR METALS Verant ppm 30 Copper ppm 0 Aduminum ppm 0 Chromium ppm 0 Silver ppm 0			N/A	 	
OIL CONDITION Vise @ 40°C cSt 51.2 Vote Water % NEG Solicon ppm 111 Sodium ppm 7 Potassium ppm 0 Vote Veranterals Iron ppm 30 Copper ppm 0 Lead ppm 0 Aluminum ppm <1	Sample Status		NORMAL	 	
OIL CONDITION Vise @ 40°C cSt 51.2 Vote Water % NEG Solicon ppm 111 Sodium ppm 7 Potassium ppm 0 Vote Veranterals Iron ppm 30 Copper ppm 0 Lead ppm 0 Aluminum ppm <1					
CONTAMINATION Water % NEG Soliticon ppm 11 Soliticon ppm 7 Potassium ppm 0 Weak METALS Veatable Veatable Weak METALS Veatable Soliticon ppm 30 Copper ppm 0 Aluminum ppm 0 Aluminum ppm <1 Molybdenum ppm <1 Nickel ppm 0 Manganese ppm 0 Aunotitives	OIL CON	DITION			
CONTAMINATION Water % NEG Soliticon ppm 11 Soliticon ppm 7 Potassium ppm 0 Weak METALS Veatable Veatable Weak METALS Veatable Soliticon ppm 30 Copper ppm 0 Aluminum ppm 0 Aluminum ppm <1 Molybdenum ppm <1 Nickel ppm 0 Manganese ppm 0 Aunotitives	Visc @ 40°C	cSt	51.2	 	
CONTAMINATION Water % NEG Solicon ppm 11 Solium ppm 7 Potassium ppm 0 WEAR METALS VEAR METALS Iron ppm 5 Lead ppm 0 Aluminum ppm <1		000			
Water % NEG Silicon ppm 11 Sodium ppm 7 Potassium ppm 0 WEAR METALS Verance ppm 30 Copper ppm 5 Lead ppm 0 Aluminum ppm <1	VOLVO				
Silicon ppm 11 Sodium ppm 7 Potassium ppm 0 Potassium ppm 0 WEAR METALS Copper ppm 0 Lead ppm 0 Aluminum ppm <1	🤍 CONTAM	IINATION			
Sodium ppm 7 Potassium ppm 0 WEAR METALS Iron ppm 30 Copper ppm 0 Lead ppm 0 Aluminum ppm <1 Aluminum ppm <1 Aluminum ppm <1 Molybdenum ppm 0 Nickel ppm 0 Silver ppm 0 Auadium	Water	%	NEG	 	
ppm 0 WEAR METALS Iron ppm 30 Copper ppm 5 Lead ppm 0 Aluminum ppm 0 Aluminum ppm <1 Molybdenum ppm <1 Nickel ppm 0 Silver ppm 0 Silver ppm 0 Manganese ppm 0 ADDITIVES Magnesium ppm 3102 Magnesium	Silicon	ppm	■11	 	
Potassium ppm 0 WEAR METALS Iron ppm 30 Copper ppm 5 Lead ppm 0 Aluminum ppm 0 Aluminum ppm <1	Sodium	ppm	7	 	
WEAR METALS Iron ppm 30 Copper ppm 5 Lead ppm 0 Lead ppm 0 Aluminum ppm <1	Potassium	ppm	0	 	
WEAR METALS Iron ppm 30 Copper ppm 5 Lead ppm 0 Lead ppm 0 Aluminum ppm <1					
Iron ppm 30 Copper ppm 5 Lead ppm 0 Tin ppm 0 Aluminum ppm <1	VOLVO	FTALC			
Copper ppm 5 Lead ppm 0 Tin ppm 0 Aluminum ppm <1	WEAR M	IETALS			
Lead ppm 0 Tin ppm 0 Aluminum ppm <1	Iron	ppm	_	 	
Tin ppm 0 Aluminum ppm <1	Copper	ppm	5	 	
Aluminum ppm <1	Lead	ppm	0	 	
Chromium ppm <1 Molybdenum ppm <1	Tin	ppm	0	 	
Molybdenum ppm <1 Nickel ppm 0 Titanium ppm 0 Silver ppm 0 Manganese ppm <1	Aluminum	ppm	□ <1	 	
Nickel ppm 0 Titanium ppm 0 Silver ppm 0 Manganese ppm <1	Chromium	ppm		 	
Titanium ppm 0 Silver ppm 0 Manganese ppm <1 Vanadium ppm 0 ADDITIVES Calcium ppm 3102 Magnesium ppm 29 Zinc ppm 1351	Molybdenum	ppm	<1	 	
Silver ppm 0 Manganese ppm <1	Nickel	ppm	0	 	
Silver ppm 0 Manganese ppm <1			0	 	
Manganese ppm <1 Vanadium ppm 0 ADDITIVES Calcium ppm 3102 Magnesium ppm 29 Zinc ppm 1351	Silver		0	 	
Vanadium ppm 0 ADDITIVES ADDITIVES Calcium ppm 3102 Magnesium ppm 29 Zinc ppm 1351	Manganese		<1	 	
ADDITIVES Sandar San Sandar Sandar S Sandar Sandar S Sandar	Vanadium		0	 	
ADDITIVES Ppm 3102 Calcium ppm 29 Magnesium ppm 29 Zinc ppm 1351		1.1.			
Calcium ppm 3102 Magnesium ppm 29 Zinc ppm 1351	VOLVO				
Magnesium ppm 29 Zinc ppm 1351		E			
Zinc ppm 1351	Calcium	ppm	3102	 	
	Magnesium	ppm	29	 	
	Zinc	ppm	1351	 	
	Phosphorus		1104	 	



TRANSOURCE TRUCK & EQUIPMENT

901 EAST 60TH STREET NORTH SIOUX FALLS, SD US 57104 Contact: NATHAN MATZEN nathan.matzen@transourceusa.com T: (605)336-2000 F: (605)336-2248

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.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:	VOLVO0035		
Unique No:	10775610		
Signed:	Sean Felton		
Report Date:	07 Dec 2023		

0

103

ppm

ppm

Barium

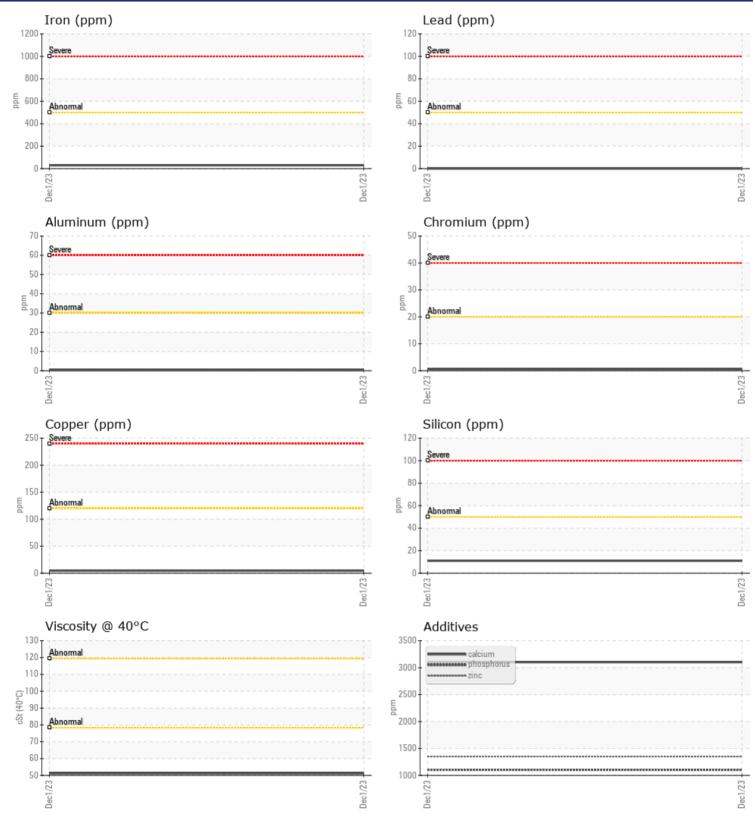
Boron

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0035 [WUSCAR] 06025819 (Generated: 12/07/2023 16:45:40) Rev: 1

Contact/Location: NATHAN MATZEN - VOLVO0035