CONSTRUCTION EQUIPMENT 11550 VOLVO L220H 2373 - DIESEL ENGINE



Sample No:VCE72658Oil Type:DIESEL ENGINE OIL SAE 40

VOLVO

DIESEL EINGINE OIL SP
11550

SAMPLE INFORMATI Sample Number Sample Date Machine Hours Oil Hours Oil Changed Sample Status Oil CONDITION Visc @ 100°C CONTAMINATION Visc @ 100°C Silicon PDM	ON VCE72658 01 Dec 2023 4638 0	 	
Sample Date International Inte	01 Dec 2023 4638	 	
Machine Hours Oil Hours Oil Changed Sample Status OIL CONDITION Visc @ 100°C cSt Base Number (BN) mg KOF Oxidation (PA) % Soot % % Nitration (PA) % Sulfation (PA) % Sulfation (PA) % Fuel %	4638		
Oil Hours Oil Changed Sample Status Image: Control of the second			
Oil Changed Sample Status OIL CONDITION Visc @ 100°C cSt Base Number (BN) mg KOF Oxidation (PA) % CONTAMINATION Water % Soot % % Nitration (PA) % Sulfation (PA) % Glycol % Fuel %	0	 	
Sample Status OIL CONDITION Visc @ 100°C cSt Base Number (BN) mg KOF Oxidation (PA) % CONTAMINATION Water % Soot % % Nitration (PA) % Sulfation (PA) % Glycol % Fuel %	-	 	
OIL CONDITION Visc @ 100°C cSt Base Number (BN) mg KOH Oxidation (PA) % CONTAMINATION Water % Soot % % Nitration (PA) % Sulfation (PA) % Glycol % Fuel %	N/A	 	
OIL CONDITION Visc @ 100°C cSt Base Number (BN) mg KOH Oxidation (PA) % CONTAMINATION Water % Soot % % Nitration (PA) % Sulfation (PA) % Glycol % Fuel %	NORMAL	 	
OIL CONDITION Visc @ 100°C cSt Base Number (BN) mg KOH Oxidation (PA) % CONTAMINATION Water % Soot % % Nitration (PA) % Sulfation (PA) % Glycol % Fuel %			
Base Number (BN) mg KOH Oxidation (PA) % CONTAMINATION Water % Soot % % Nitration (PA) % Sulfation (PA) % Glycol % Fuel %			
Oxidation (PA) % CONTAMINATION Water % Soot % % Nitration (PA) % Sulfation (PA) % Glycol % Fuel %	13.4	 	
CONTAMINATIONWater%Soot %%Nitration (PA)%Sulfation (PA)%Glycol%Fuel%	H/g 10.7	 	
CONTAMINATIONWater%Soot %%Nitration (PA)%Sulfation (PA)%Glycol%Fuel%	73	 	
CONTAMINATIONWater%Soot %%Nitration (PA)%Sulfation (PA)%Glycol%Fuel%			
Soot %%Nitration (PA)%Sulfation (PA)%Glycol%Fuel%			
Nitration (PA)%Sulfation (PA)%Glycol%Fuel%	NEG	 	
Sulfation (PA)%Glycol%Fuel%	0.1	 	
Glycol % Fuel %	46	 	
Fuel %	57	 	
	NEG	 	
Silicon ppm	<1.0	 	
	6	 	
Sodium ppm	∎1	 	
Potassium ppm	 <1	 	
WEAR METALS			

VEAR I	METALS			
Iron	ppm	3	 	
Copper	ppm	 <1	 	
Lead	ppm	0	 	
Tin	ppm	 <1	 	
Aluminum	ppm	2	 	
Chromium	ppm	0	 	
Molybdenum	ppm	31	 	
Nickel	ppm	 <1	 	
Titanium	ppm	0	 	
Silver	ppm	 <1	 	
Manganese	ppm	■ <1	 	
Vanadium	maa	0	 	

ADDITI	VES			
Calcium	ppm	1564	 	
Magnesium	ppm	565	 	
Zinc	ppm	1122	 	
Phosphorus	ppm	936	 	
Barium	ppm	0	 	
Boron	ppm	61	 	



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. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 40. Please confirm.

All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

 Depot:
 VOLVO0035

 Unique No:
 10768733

 Signed:
 Wes Davis

 Report Date:
 05 Dec 2023

Report Id: VOLVO0035 [WUSCAR] 06024233 (Generated: 12/05/2023 13:37:56) Rev: 1

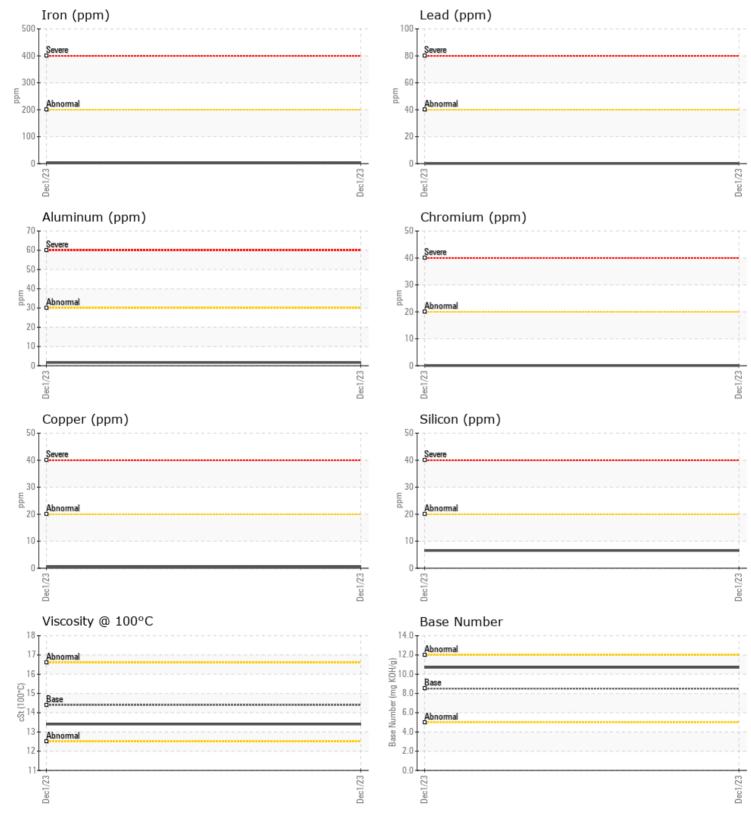
Contact/Location: NATHAN MATZEN - VOLVO0035

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Contact/Location: NATHAN MATZEN - VOLVO0035