

CONSTRUCTION EQUIPMENT SWA366673 VOLVO A40G 341124 - DIESEL ENGINE



Sample No: VCP418158
Oil Type: NOT GIVEN
Job No: SWA366673

OIL CONDITION					
SAMPLE INFORMATION Sample Number VCP418158 Sample Date 19 Sep 2023 Sample Date Sample Date Sample Date Sample Date Sample Date Sample Date Sample Status Sample Stat					
Sample Number 19 Sep 2023	SAMPLE IN	IFORMATION .			
Sample Date 19 Sep 2023			VCD4101E0	<u></u>	_
Machine Hours	•				
Dit Hours	•				
Not Changed Not Changed Status ATTENTION Status ATTENTION Status ATTENTION Status Status ATTENTION Status Status					
ATTENTION ATTE			-		
OIL CONDITION //isc @ 100°C			_		
OIL CONDITION	sample status		ATTENTION		
Also @ 100°C	VOLVO				
Sase Number (BN) mg KOH/g 0.5.5	OIL CONDI	TION			
Contamination Contaminatio Contamination Contamination Contamination Contamination	Visc @ 100°C	cSt	11.3		
CONTAMINATION Soot % %	Base Number (BN)	mg KOH/g	5.5		
CONTAMINATION COOK South Cook Cook	Oxidation (PA)	%	88		
CONTAMINATION COOK South Cook Cook					
Soot %	CUNTAMIN	IATION			
Solifation (PA)	_				
Sulfation (PA) % 64 Silved % 0.5 Silved % 0.5 Silved % 0.5 Silved ppm 0.5 Silved ppm 0.2 Silved ppm 0.31			_		
NEG	, ,				
Sidicon	, ,				
14	-		-		
Sodium					
WEAR METALS					
WEAR METALS Fron ppm 31 Copper ppm 4 Lead ppm 14 Tin ppm 17 Chromium ppm 22 Molybdenum ppm 440 Titanium ppm 2 Titanium ppm 0 Titanium ppm 0 Wanganese ppm 1 Manganese ppm 0 Manganese ppm 0 Manganese ppm 1 1839 Manganesium ppm 1839 Manganesium ppm 1958					
WEAR METALS ron ppm 31	Potassium	ppm	2		
WEAR METALS ron ppm 31	VOLVO				
Copper ppm 4 <td>WEAR ME</td> <td>TALS</td> <td></td> <td></td> <td></td>	WEAR ME	TALS			
Copper ppm 4 <td>ron</td> <td></td> <td>31</td> <td></td> <td> </td>	ron		31		
Part					
Tin					
Aluminum ppm 7	Tin .				
Chromium	Aluminum				
Molybdenum ppm 40 -	Chromium				
Sickel	Molybdenum				
Titanium ppm <1	Nickel		2		
Silver ppm 0 <td>Titanium</td> <td></td> <td><1</td> <td></td> <td> </td>	Titanium		<1		
Manganese ppm <1 Vanadium ppm 0 ADDITIVES Calcium ppm 1839 Magnesium ppm 546 Zinc ppm 958	Silver		■ 0		
ADDITIVES Calcium ppm 1839 Magnesium ppm 546 Zinc ppm 958	Manganese		<1		
ADDITIVES Calcium ppm 1839 Magnesium ppm 546 Zinc ppm 958	Vanadium		0		
ADDITIVES Calcium ppm 1839 Magnesium ppm 546 Zinc ppm 958					
Calcium ppm 1839 Magnesium ppm 546 Zinc ppm 958	ADDITIVE	,			
Magnesium ppm □ 546 Zinc ppm □ 958					
Zinc ppm ■958					
Phosphorus ppm 714					
	Phosphorus	ppm	714		



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Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. 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:VOLVO2990Unique No:10658579Signed:Jonathan HesterReport Date:25 Sep 2023

ppm

ppm

0

23

Barium

Boron



CONSTRUCTION EQUIPMENT





GRAPHS

