CONSTRUCTION EQUIPMENT 9834 LANDWERKS CONTR VOLVO SD75B 241432 - DIESEL ENGIN

Sample No: VCP412304

ZOTAZ

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3 Job No: 9834 LANDWERKS CONTR

. . . . . . . .

## SAMPLE INFORMATION

Sample Number		VCP412304	 	
Sample Date		17 Oct 2023	 	
Machine Hours		332	 	
Oil Hours		332	 	
Oil Changed		Changed	 	
Sample Status		ATTENTION	 	
OIL COND	ITION			
Visc @ 100°C	cSt	<b>12.3</b>	 	
Base Number (BN)		9.9	 	
Oxidation (PA)	%	78	 	
CONTAM				
CONTAM	INATION			
	NATION %	0.2	 	
CONTAM		0.2 62	 	
Soot %	%			
Soot % Nitration (PA)	% %	62	 	
Soot % Nitration (PA) Sulfation (PA)	% % %	62 60	 	
CONTAM Soot % Nitration (PA) Sulfation (PA) Glycol	% % %	62 60 NEG	 	
CONTAM Soot % Nitration (PA) Sulfation (PA) Glycol Fuel	% % % %	62 60 NEG 0.5	     	  
CONTAM Soot % Nitration (PA) Sulfation (PA) Glycol Fuel Silicon	% % % % % ppm	62 60 NEG 0.5 24	      	   

WEAR METAL

	METALS			
Iron	ppm	9	 	
Copper	ppm	<b>10</b>	 	
Lead	ppm	<b>□</b> <1	 	
Tin	ppm		 	
Aluminum	ppm	2	 	
Chromium	ppm		 	
Molybdenum	ppm	<b>41</b>	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	<b>1</b>	 	
Vanadium	ppm	0	 	

variaulu

ADDITIVES							
ppm	<b>1597</b>						
ppm	<b>449</b>						
ppm	<b>1010</b>						
ppm	828						
ppm	3						
ppm	50						
	ppm ppm ppm ppm	ppm         449           ppm         1010           ppm         828           ppm         3	ppm         449            ppm         1010            ppm         828            ppm         3	ppm         449             ppm         1010             ppm         828             ppm         3			

MCCLUNG-LOGAN EQUIPMENT CO - CHESAPEAKE 4112 HOLLAND BLVD CHESAPEAKE, VA US 23323

Contact: TOMMY GRIFFIN tgriffin@mcclung-logan.com T: (757)485-3314 F: (757)485-3415

## Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.Metal levels are typical for a components first oil change. 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:
 VOLVO0264

 Unique No:
 10714120

 Signed:
 Don Baldridge

 Report Date:
 31 Oct 2023

Report Id: VOLVO0264 [WUSCAR] 05991458 (Generated: 10/31/2023 09:53:56) Rev: 2

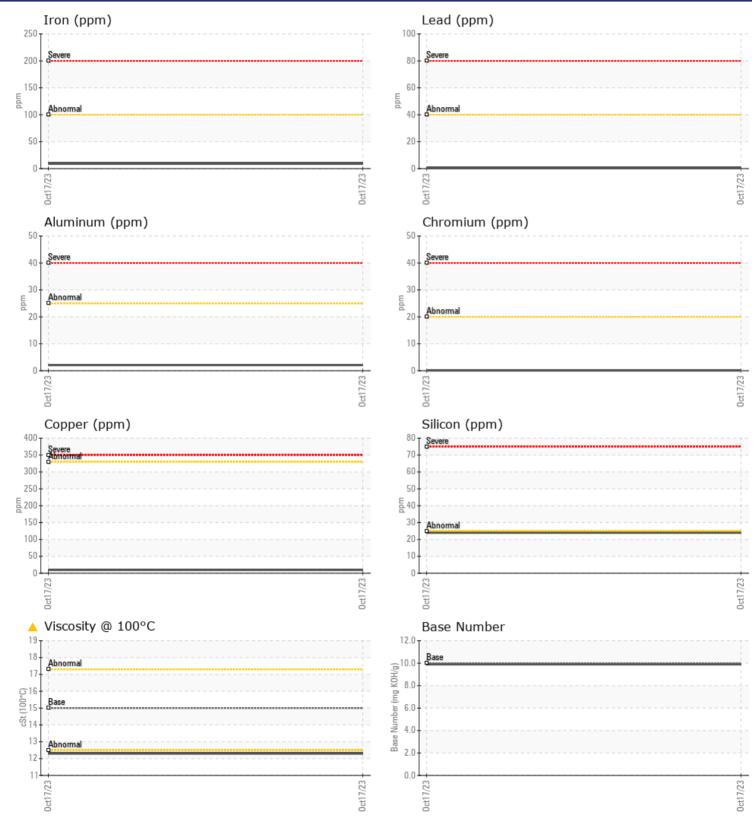
Contact/Location: TOMMY GRIFFIN - VOLVO0264

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO0264 [WUSCAR] 05991458 (Generated: 10/31/2023 09:53:58) Rev: 2

Contact/Location: TOMMY GRIFFIN - VOLVO0264