CONSTRUCTION EQUIPMENT C-18 ENG CATERPILLAR 988K TWX01434 - DIESEL ENGINE

Sample No:	VCP327117		
Oil Type:	CITGO 15W40		
Job No:	C-18 ENG		

VOLVO

Sample Number

ppm

ppm

0 🔲

0 🔲

Sodium

Potassium

Sample Date	9	14 Dec 2023					
Machine Ho	urs	27633					
Oil Hours		3308					
Oil Changed	l	Changed					
Sample Stat	us	NORMAL					
OIL CONDITION							
Visc @ 100°	C cSt	12.8					
Base Numbe	er (BN) mg KOH/	g 6.5					
Oxidation (P	PA) %	63					
CONTAMINATION							
Water	%	NEG					
Soot %	%	0.4					
Nitration (PA	A) %	65					
Sulfation (PA	A) %	60					
Glycol	%	NEG					
Fuel	%	<1.0					
Silicon	ppm	6					

VCP327117



ALTA EQUIPMENT CO - ORLAND PARK

5000 INDUSTRIAL HWY GARY, IN US 46406 Contact: DAVE ENG DAVE.ENG@ALTG.COM T: (312)350-2560 F:

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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

WEND	METALS			
WEAK I	METALS		 _	
Iron	ppm	32	 	
Copper	ppm	6	 	
Lead	ppm	□<1	 	
Tin	ppm	□<1	 	
Aluminum	ppm	3	 	
Chromium	ppm		 	
Molybdenum	ppm	90	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm		 	
Vanadium	ppm	0	 	

ADDITIVES					
Calcium	ppm	1490			
Magnesium	ppm	386			
Zinc	ppm	1347			
Phosphorus	ppm	1136			
Barium	ppm	0			
Boron	ppm	248			

 Depot:
 VOLVO8885

 Unique No:
 10802552

 Signed:
 Wes Davis

 Report Date:
 22 Dec 2023

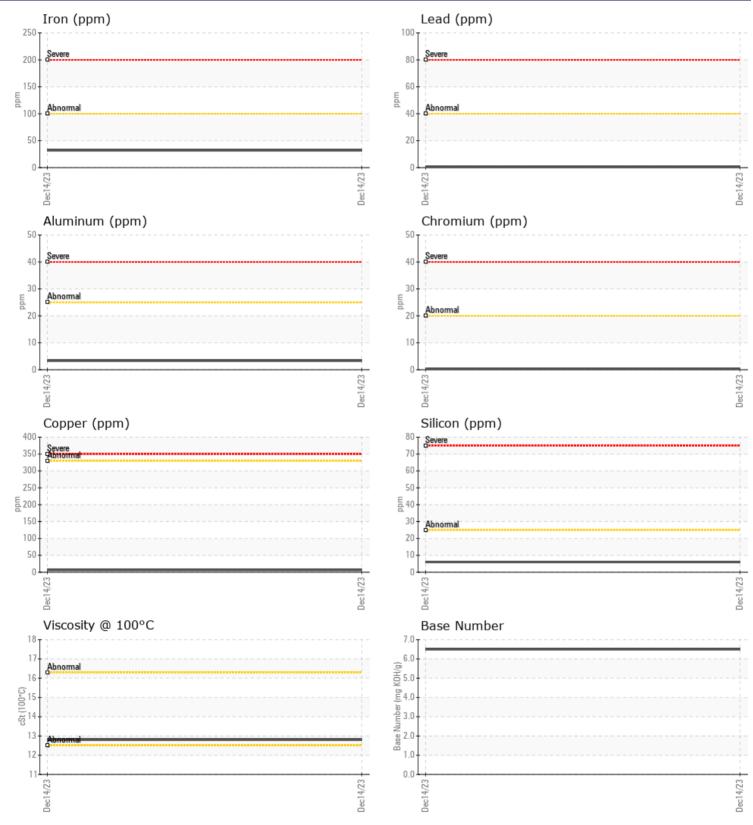
Contact/Location: DAVE ENG - VOLVO8885

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO8885 [WUSCAR] 06041944 (Generated: 12/22/2023 12:39:20) Rev: 1

Contact/Location: DAVE ENG - VOLVO8885