

## CONSTRUCTION EQUIPMENT HP77 JOHN DEERE HP 77 - DIESEL ENGINE



 Sample No:
 VCP437773

 Oil Type:
 CITGARD 15W40

 Job No:
 HP77

	FORMATION	-			
Sample Number		VCP437773			
Sample Date		23 Jan 2024			
Machine Hours		250			
Oil Hours		250			
Oil Changed		N/A			
Sample Status		NORMAL			
Volvo					
Visc @ 100°C	cSt	12.8			
Base Number (BN)		8.4			
Oxidation (PA)	%	63			
	70				
VOLVO					
CONTAMIN	VATION	<u>.</u>		_	
Water	%	NEG			
Soot %	%	<b>0.1</b>			
Nitration (PA)	%	60			
Sulfation (PA)	%	55			
Glycol	%	NEG			
Fuel	%	<1.0			
Silicon	ppm	<b>4</b>			
Sodium	ppm	2			
Potassium	ppm	6			
VOLVO					
WEAR ME	TALS				
Iron		56			
Copper	ppm ppm	2			
Lead	ppm	 <1			
Tin	ppm	□<1			
Aluminum	ppm	3			
Chromium	ppm	<b>□</b> <1			
Molybdenum	ppm	<b>6</b> 3			
Nickel	ppm				
Titanium	ppm	0			
Silver	ppm	0			
Manganese	ppm	1			
Vanadium	ppm	0			
ADDITIVE:	5				
Calcium	ppm	<b>1895</b>			
Magnesium	ppm	<b>442</b>			
Zinc	ppm	1342			
Phosphorus	ppm	1126			
Barium	ppm	0			
Boron	ppm	5			

MITCHELL & STARK CONSTRUCTION CO 6001 Shirley St NAPLES, FL US 34109

US 34109 Contact: SERVICE MANAGER

T: (239)597-2165 F: (239)566-7865

## Diagnosis

Resample at the next service interval to monitor.Metal levels are typical for a components first oil change. 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:
 MITNAP

 Unique No:
 10849244

 Signed:
 Wes Davis

 Report Date:
 30 Jan 2024

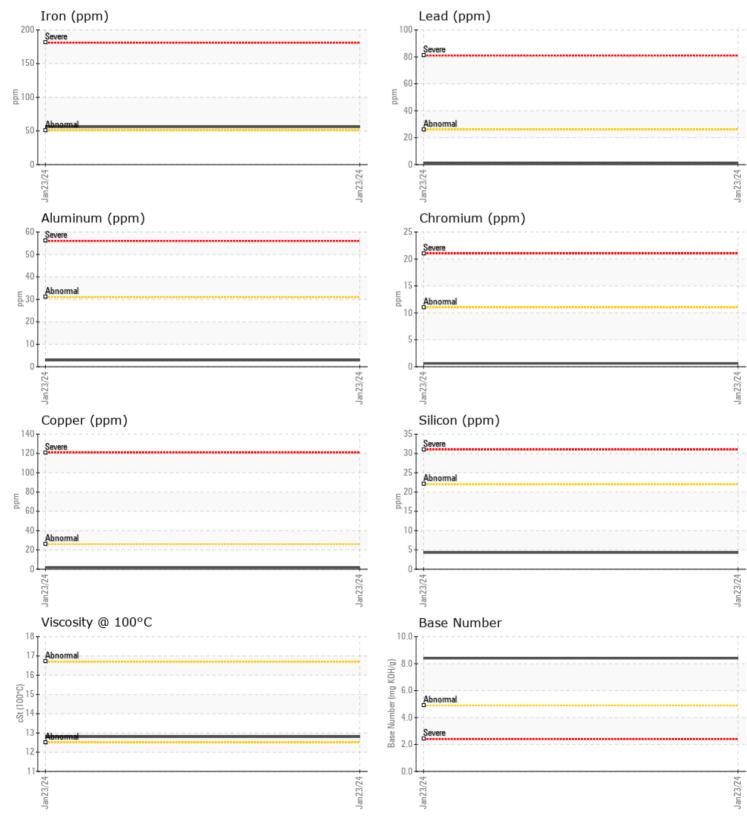
Contact/Location: SERVICE MANAGER - MITNAP

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: MITNAP [WUSCAR] 06072567 (Generated: 01/30/2024 09:36:09) Rev: 1

Contact/Location: SERVICE MANAGER - MITNAP