CONSTRUCTION EQUIPMENT CUMMINS ISX 15 79465155 - DIESEL ENGINE DPF



VCF045553 Sample No:

VOLVO

	162010000
Oil Type:	JOHN DEERE ENGINE OIL PLUS 50 II 15W40
Job No:	DPF

	NFORMATION				
Sample Number		VCE045553			
Sample Date		01 Nov 2023			
Machine Hours		10447			
Oil Hours		422			
Oil Changed		Changed			
Sample Status		NORMAL			
OIL CONDI	TION				
Visc @ 100°C	cSt	15.2			
Base Number (BN)	mg KOH/g	7.3			
Oxidation (PA)	%	98			
	÷		<u>_</u>	<u>.</u>	
Water	%	NEG			
Soot %	%	1.2			
Nitration (PA) Sulfation (PA)	%	95 83			
Glycol	%	NEG			
Fuel	%	<1.0			
Silicon		9			
Sodium	ppm ppm	5			
Potassium	ppm	6			
	ppm				
WEAR ME	TAIS				
Iron		29			
Copper	ppm ppm	1			
Lead	ppm	7			
Tin	ppm	□ <1			
Aluminum	ppm	4			
Chromium	ppm				
Molybdenum	ppm	177			
Nickel	ppm				
Titanium	ppm	□ <1			
Silver	ppm	0			
Manganese	ppm	<1			
Vanadium	ppm	0			
	5				
Calcium	ppm	1669			
Magnesium	ppm	604			
Zinc	ppm	1381			
Phosphorus	ppm	1176			
Barium	ppm	10			
Boron	ppm	175			

HUPPERT BROTHERS CONSTRUCTION

3509 54TH ST W BILLINGS, MT US 59106 Contact: QUINN HUPPERT quinn.huppert@gmail.com T: (406)696-4342 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 acceptable for the time in service.

Depot: HUPBIL Unique No: 10752371 Signed: Don Baldridge Report Date: 22 Nov 2023

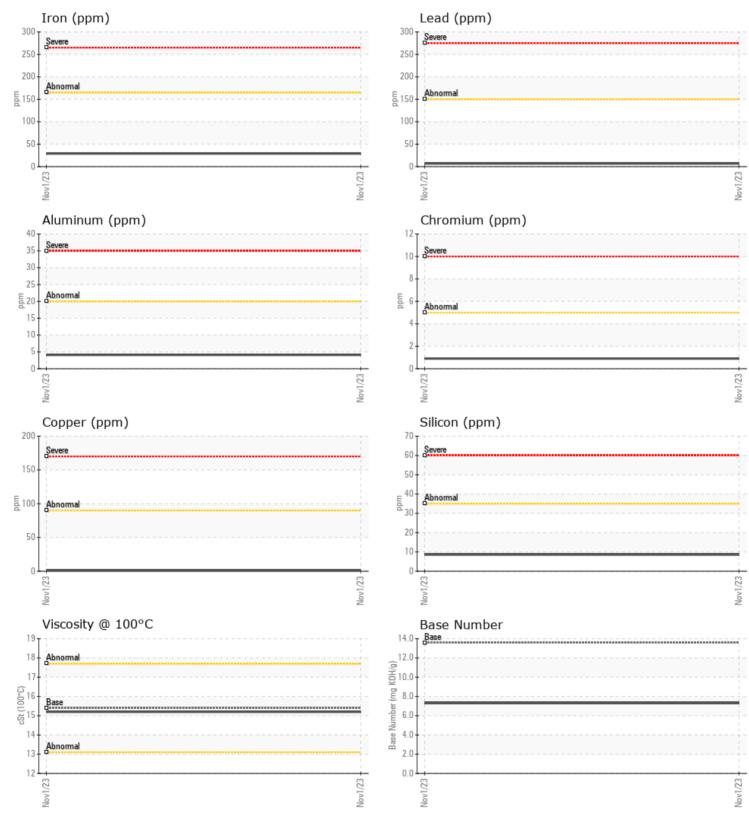
Contact/Location: QUINN HUPPERT - HUPBIL

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Contact/Location: QUINN HUPPERT - HUPBIL