



CONSTRUCTION EQUIPMENT

66660 MIDSOUTH P HAMM ROLLER NOT GIVEN VCP414342 - DIESEL ENGINE



Sample No: VCP414342
Oil Type: NOT GIVEN
Job No: 66660 MIDSOUTH P



SAMPLE INFORMATION

Sample Number	VCP414342	---	---	---
Sample Date	23 Oct 2023	---	---	---
Machine Hours	1832	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 100°C	cSt	█ 12.4	---	---	---
Base Number (BN)	mg KOH/g	█ 10.4	---	---	---
Oxidation (PA)	%	77	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is SAE 30 Diesel Engine Oil. Please confirm the oil type and grade, and specify the brand of the oil on your next sample. All component wear rates are normal. Fuel content negligible. 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.



CONTAMINATION

Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	53	---	---	---
Sulfation (PA)	%	59	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	█ 0.4	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 23	---	---	---



WEAR METALS

Iron	ppm	█ 62	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 10	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 51	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 1801	---	---	---
Magnesium	ppm	█ 530	---	---	---
Zinc	ppm	█ 1233	---	---	---
Phosphorus	ppm	█ 1067	---	---	---
Barium	ppm	█ 4	---	---	---
Boron	ppm	█ 66	---	---	---

Depot: COWMAD
Unique No: 10724920
Signed: Wes Davis
Report Date: 06 Nov 2023

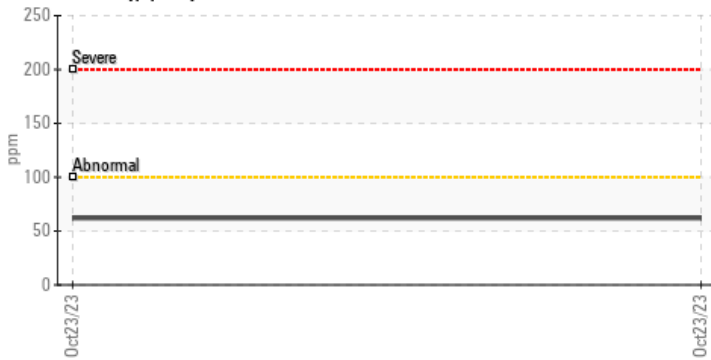


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GRAPHS

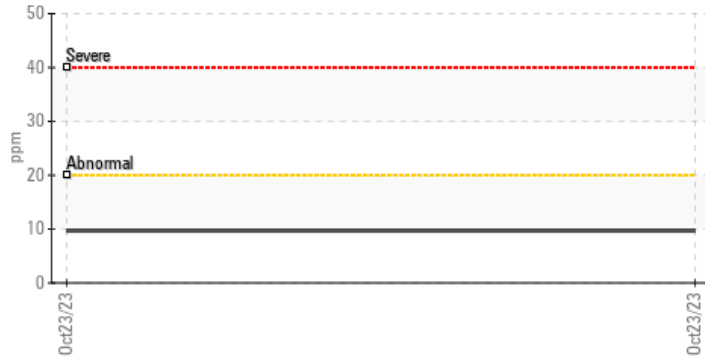
Iron (ppm)



Lead (ppm)



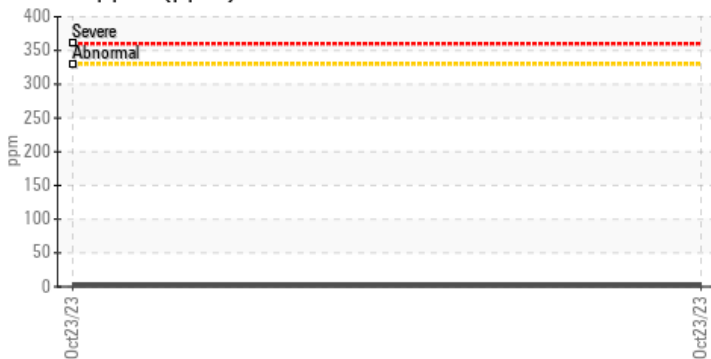
Aluminum (ppm)



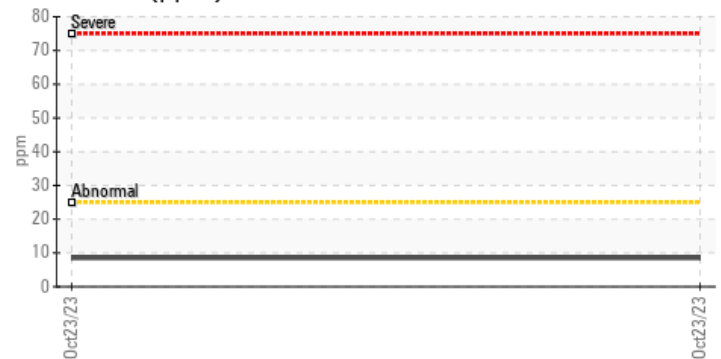
Chromium (ppm)



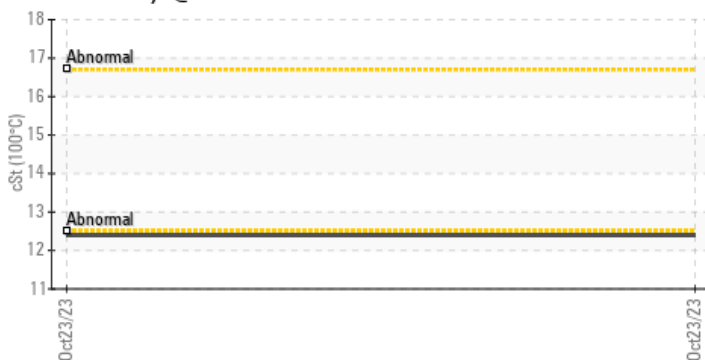
Copper (ppm)



Silicon (ppm)



Viscosity @ 100°C



Base Number

