



CONSTRUCTION EQUIPMENT

R24904 GEORGE HARMS MANITOWOC 777 7771153 - PUMP DRIVE



Sample No: VCP441494
Oil Type: {unknown}
Job No: R24904 GEORGE HARMS



SAMPLE INFORMATION

Sample Number	VCP441494	---	---	---
Sample Date	19 Apr 2024	---	---	---
Machine Hours	9642	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

HOFFMAN EQUIPMENT INC

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PISCATAWAY, NJ
US 08854
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OIL CONDITION

Visc @ 40°C	cSt	█ 104	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	█ 19	---	---	---
Copper	ppm	█ 8	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 104	---	---	---
Magnesium	ppm	█ 21	---	---	---
Zinc	ppm	█ 61	---	---	---
Phosphorus	ppm	█ 1458	---	---	---
Barium	ppm	█ 1	---	---	---
Boron	ppm	█ 365	---	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: HOFPISNJ
Unique No: 11002485
Signed: Sean Felton
Report Date: 30 Apr 2024



CONSTRUCTION EQUIPMENT



GRAPHS

