



CONSTRUCTION EQUIPMENT

KOMATSU WA500-8 WP7225 - REAR AXLE



Sample No: VCP443406
Oil Type: KOMATSU 80W
Job No:



SAMPLE INFORMATION

Sample Number	VCP443406	---	---	---
Sample Date	04 Jun 2024	---	---	---
Machine Hours	9426	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

LEGACY MATERIALS
 5740 UTE CT
 VAN METER, IA
 US 50038
 Contact: ALEX
 qc@legacymaterials.org
 T: (641)840-1326
 F:



OIL CONDITION

Visc @ 40°C	cSt	█ 51.6	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 13	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 2	---	---	---

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 condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 107	---	---	---
Copper	ppm	█ 8	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	3243	---	---	---
Magnesium	ppm	12	---	---	---
Zinc	ppm	1423	---	---	---
Phosphorus	ppm	1084	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	123	---	---	---

Depot: LEGVAN
Unique No: 11075561
Signed: Don Baldrige
Report Date: 14 Jun 2024



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GRAPHS

