



CONSTRUCTION EQUIPMENT

KOMATSU 130LC K23561480 - REAR LEFT FINAL DRIVE



Sample No: VCP442219
Oil Type: GEAR OIL LS 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP442219	VCP442217	---	---
Sample Date	14 Jun 2024	14 Jun 2024	---	---
Machine Hours	0	0	---	---
Oil Hours	201	201	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	173	175	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	27	29	---	---
Sodium	ppm	0	0	---	---
Potassium	ppm	7	7	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL LS 80W90. Please confirm. 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	241	225	---	---
Copper	ppm	2	2	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	2	2	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	356	372	---	---
Magnesium	ppm	3	3	---	---
Zinc	ppm	142	151	---	---
Phosphorus	ppm	517	553	---	---
Barium	ppm	4	4	---	---
Boron	ppm	62	66	---	---

Depot: VOLVO0093
Unique No: 11086712
Signed: Wes Davis
Report Date: 20 Jun 2024



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GRAPHS

