



CONSTRUCTION EQUIPMENT

9500 KENT NARROWS BO WIGGINS W3.2 M2-150-45 190021 - FRONT AXLE



Sample No: VCP416476
Oil Type: CHEVRON DELO GEAR ESI OIL 80W90
Job No: 9500 KENT NARROWS BO



SAMPLE INFORMATION

Sample Number	VCP416476	---	---	---
Sample Date	06 Sep 2023	---	---	---
Machine Hours	3401	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 131	---	---	---
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CONTAMINATION

Silicon	ppm	█ 14	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ 1	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Bearing and/or bushing wear is indicated. All other 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	█ 246	---	---	---
Copper	ppm	▲ 285	---	---	---
Lead	ppm	█ 3	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 6	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 2	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 152	---	---	---
Phosphorus	ppm	█ 1009	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 268	---	---	---

Depot: VOLV00150
Unique No: 10642729
Signed: Don Baldrige
Report Date: 13 Sep 2023



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GRAPHS

