



CONSTRUCTION EQUIPMENT

361 CATERPILLAR DLSO 1977 - FRONT LEFT FINAL DRIVE



Sample No: VCP396793
Oil Type: DRYDENE LIMITED SLIP GEAR 80W90
Job No: 361



SAMPLE INFORMATION

Sample Number	VCP396793	---	---	---
Sample Date	26 Jun 2023	---	---	---
Machine Hours	6752	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 140	---	---	---
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CONTAMINATION

Silicon	ppm	█ 95	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 11	---	---	---

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	█ 450	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 25	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 3	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	4	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 122	---	---	---
Magnesium	ppm	█ 9	---	---	---
Zinc	ppm	█ 38	---	---	---
Phosphorus	ppm	█ 635	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 53	---	---	---

Depot: TOTGAI
Unique No: 10560821
Signed: Don Baldrige
Report Date: 18 Jul 2023



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GRAPHS

