



CONSTRUCTION EQUIPMENT

361 CATERPILLAR DLSO 1977 - SWING DRIVE



Sample No: VCP418896
Oil Type: DRYDENE LIMITED SLIP GEAR 80W90
Job No: 361



SAMPLE INFORMATION

Sample Number	VCP418896	---	---	---
Sample Date	26 Jun 2023	---	---	---
Machine Hours	6752	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 128	---	---	---
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CONTAMINATION

Water	%	█ 0.193	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ <1	---	---	---



WEAR METALS

Iron	ppm	█ 156	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 4	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 821	---	---	---
Magnesium	ppm	█ 11	---	---	---
Zinc	ppm	█ 278	---	---	---
Phosphorus	ppm	█ 502	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 2	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

Depot: TOTGAI
Unique No: 10560822
Signed: Don Baldrige
Report Date: 18 Jul 2023



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VOLVO GRAPHS

