



CONSTRUCTION EQUIPMENT

2492 - LEFT SWING DRIVE



Sample No: VCP455225
Oil Type: MOBIL 75W90
Job No: 2492



SAMPLE INFORMATION

Sample Number	VCP455225	VCP293614	---	---
Sample Date	28 Jun 2024	23 Dec 2020	---	---
Machine Hours	8260	2437	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	SEVERE	NORMAL	---	---

SIMS METAL
 130 NORTH 12TH ST
 SACRAMENTO, CA
 US 95814
 Contact: EVERT

OIL CONDITION

Visc @ 40°C	cSt	178	210	---	---
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T: (916)769-7864
 F:

CONTAMINATION

Water	%	6.12	NEG	---	---
Silicon	ppm	25	2	---	---
Sodium	ppm	2	2	---	---
Potassium	ppm	4	0	---	---

Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Gear wear is indicated. Bearing and/or bushing wear is indicated. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

WEAR METALS

Iron	ppm	2024	111	---	---
Copper	ppm	229	38	---	---
Lead	ppm	2	0	---	---
Tin	ppm	40	0	---	---
Aluminum	ppm	3	<1	---	---
Chromium	ppm	16	<1	---	---
Molybdenum	ppm	2	1	---	---
Nickel	ppm	5	<1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	15	1	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	36	3	---	---
Magnesium	ppm	10	0	---	---
Zinc	ppm	242	30	---	---
Phosphorus	ppm	1028	348	---	---
Barium	ppm	<1	1	---	---
Boron	ppm	131	16	---	---

Depot: SIMSACCA
Unique No: 11111380
Signed: Don Baldrige
Report Date: 07 Jul 2024



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GRAPHS

