



CONSTRUCTION EQUIPMENT

X59018 TADANO GR1000XLL-4 12A1118 - DIESEL ENGINE



Sample No: VCP427310
Oil Type: DIESEL ENGINE OIL SAE 40
Job No: X59018



SAMPLE INFORMATION

Sample Number	VCP427310	---	---	---
Sample Date	18 Dec 2023	---	---	---
Machine Hours	2526	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

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 PO BOX 997
 SAINT ROSE, LA
 US 70087
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OIL CONDITION

Visc @ 100°C	cSt	█ 12.7	---	---	---
Base Number (BN)	mg KOH/g	█ 8.0	---	---	---
Oxidation (PA)	%	94	---	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 40. Please confirm.
 All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 1	---	---	---
Nitration (PA)	%	98	---	---	---
Sulfation (PA)	%	67	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 13	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 66	---	---	---
Copper	ppm	█ 5	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 42	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 1627	---	---	---
Magnesium	ppm	█ 494	---	---	---
Zinc	ppm	█ 1136	---	---	---
Phosphorus	ppm	█ 952	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 27	---	---	---

Depot: SCOSAI
Unique No: 10802529
Signed: Wes Davis
Report Date: 22 Dec 2023



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GRAPHS

