



CONSTRUCTION EQUIPMENT

SWA529176 RENTAL TADANO GTC-1300 120-275 - DIESEL ENGINE



Sample No: VCP377283
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No: SWA529176 RENTAL



SAMPLE INFORMATION

Sample Number	VCP377283	---	---	---
Sample Date	05 Apr 2024	---	---	---
Machine Hours	945	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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5000 INDUSTRIAL HWY
GARY, IN
US 46406
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OIL CONDITION

Visc @ 100°C	cSt	█ 12.7	---	---	---
Base Number (BN)	mg KOH/g	█ 6.7	---	---	---
Oxidation (PA)	%	72	---	---	---

Diagnosis

Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. 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 %	%	█ 0.1	---	---	---
Nitration (PA)	%	75	---	---	---
Sulfation (PA)	%	60	---	---	---
Glycol	%	█ 0.0	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 22	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ 56	---	---	---



WEAR METALS

Iron	ppm	█ 33	---	---	---
Copper	ppm	█ 270	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 2	---	---	---
Aluminum	ppm	█ 8	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 19	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	█ 1	---	---	---
Silver	ppm	█ 1	---	---	---
Manganese	ppm	█ 6	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 1719	---	---	---
Magnesium	ppm	█ 246	---	---	---
Zinc	ppm	█ 1034	---	---	---
Phosphorus	ppm	█ 842	---	---	---
Barium	ppm	█ 7	---	---	---
Boron	ppm	█ 80	---	---	---

Depot: VOLVO8885
Unique No: 10967648
Signed: Wes Davis
Report Date: 10 Apr 2024



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GRAPHS

