



CONSTRUCTION EQUIPMENT

X58759 TADANO GR750XL-3 RA0641 - DIESEL ENGINE



Sample No: VCP405798
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: X58759



SAMPLE INFORMATION

Sample Number	VCP405798	VCP367491	VCP367217	---
Sample Date	13 Oct 2023	09 May 2023	05 Jan 2023	---
Machine Hours	5674	5095	4254	---
Oil Hours	5674	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

SCOTT EQUIPMENT COMPANY LLC - Saint Rose
 PO BOX 997
 SAINT ROSE, LA
 US 70087
 Contact: DANA FOSHEE
 dfoshee@scottcompanies.com
 T: (504)461-0961
 F: (504)461-0970



OIL CONDITION

Visc @ 100°C	cSt	12.7	12.7	12.5	---
Base Number (BN)	mg KOH/g	9.5	9.4	9.7	---
Oxidation (PA)	%	88	90	87	---

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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



CONTAMINATION

Soot %	%	0.1	0.1	0.1	---
Nitration (PA)	%	68	78	73	---
Sulfation (PA)	%	61	61	61	---
Glycol	%	NEG	NEG	NEG	---
Fuel	%	<1.0	<1.0	<1.0	---
Silicon	ppm	8	10	13	---
Sodium	ppm	4	4	4	---
Potassium	ppm	<1	4	4	---



WEAR METALS

Iron	ppm	12	11	14	---
Copper	ppm	1	2	2	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	8	7	7	---
Chromium	ppm	1	0	<1	---
Molybdenum	ppm	41	45	39	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	0	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	1686	1774	1633	---
Magnesium	ppm	516	588	478	---
Zinc	ppm	1143	1292	1064	---
Phosphorus	ppm	949	1042	869	---
Barium	ppm	0	0	0	---
Boron	ppm	30	32	30	---

Depot: SCOSAI
Unique No: 10699577
Signed: Wes Davis
Report Date: 19 Oct 2023



CONSTRUCTION EQUIPMENT



GRAPHS

