



CONSTRUCTION EQUIPMENT

X58840 VOLVO L45H 123227 - DIESEL ENGINE



Sample No: VCP406854
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: X58840



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



SAMPLE INFORMATION

Sample Number	VCP406854	VCP374888	---	---
Sample Date	20 Dec 2023	20 Jul 2022	---	---
Machine Hours	2696	1352	---	---
Oil Hours	2696	500	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 100°C	cSt	12.7	12.7	---	---
Base Number (BN)	mg KOH/g	9.6	11.3	---	---
Oxidation (PA)	%	84	86	---	---



CONTAMINATION

Water	%	NEG	NEG	---	---
Soot %	%	0.3	0.2	---	---
Nitration (PA)	%	67	65	---	---
Sulfation (PA)	%	62	67	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	10	10	---	---
Sodium	ppm	2	2	---	---
Potassium	ppm	0	0	---	---



WEAR METALS

Iron	ppm	10	13	---	---
Copper	ppm	4	5	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	<1	1	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	<1	1	---	---
Molybdenum	ppm	40	36	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	1616	1663	---	---
Magnesium	ppm	520	513	---	---
Zinc	ppm	1141	1098	---	---
Phosphorus	ppm	991	861	---	---
Barium	ppm	0	0	---	---
Boron	ppm	28	45	---	---

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.

Depot: SCOSAI
Unique No: 10803544
Signed: Wes Davis
Report Date: 26 Dec 2023



CONSTRUCTION EQUIPMENT



GRAPHS

