



CONSTRUCTION EQUIPMENT

701480 VOLVO EC750E 314043 - DIESEL ENGINE



Sample No: VCP447403
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 701480



SAMPLE INFORMATION

Sample Number	VCP447403	VCP438968	VCP440297	VCP406003
Sample Date	10 Apr 2024	17 Jan 2024	21 Sep 2023	20 Apr 2023
Machine Hours	5380	4913	4441	3513
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	ATTENTION	NORMAL	NORMAL

BLUE GOOSE GROWERS
 16059 W ORANGE AVE
 FT PIERCE, FL
 US 34945
 Contact: SERVICE MANAGER

OIL CONDITION

Visc @ 100°C	cSt	12.8	11.7	12.0	13.0
Base Number (BN)	mg KOH/g	8.3	7.5	8.3	8.4
Oxidation (PA)	%	64	79	82	74

T: (772)461-3020
 F:

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

Water	%	NEG	NEG	NEG	NEG
Soot %	%	0.5	0.7	0.7	0.7
Nitration (PA)	%	64	60	61	68
Sulfation (PA)	%	57	65	66	60
Glycol	%	NEG	NEG	NEG	NEG
Fuel	%	<1.0	<1.0	0.5	<1.0
Silicon	ppm	4	7	4	4
Sodium	ppm	<1	0	<1	2
Potassium	ppm	1	2	<1	0

WEAR METALS

Iron	ppm	4	10	6	8
Copper	ppm	<1	2	2	<1
Lead	ppm	1	2	<1	0
Tin	ppm	<1	2	<1	0
Aluminum	ppm	2	2	2	<1
Chromium	ppm	<1	<1	<1	0
Molybdenum	ppm	64	39	39	53
Nickel	ppm	<1	2	<1	0
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	1	<1	<1
Vanadium	ppm	0	<1	0	0

ADDITIVES

Calcium	ppm	1266	1367	1502	1590
Magnesium	ppm	998	459	419	617
Zinc	ppm	1343	1083	1048	1228
Phosphorus	ppm	1135	809	833	958
Barium	ppm	0	1	0	0
Boron	ppm	3	23	21	25

Depot: BLUFOR
Unique No: 10978435
Signed: Sean Felton
Report Date: 17 Apr 2024



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GRAPHS

