



CONSTRUCTION EQUIPMENT

SCIERIE DION 386184 VOLVO L110G 9232 - DIESEL ENGINE



Sample No: VCP380338
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 386184



SAMPLE INFORMATION

Sample Number	VCP380338	VCP391602	VCP392337	VCP381429
Sample Date	24 Nov 2023	05 Sep 2023	17 Mar 2023	16 Jan 2023
Machine Hours	26111	25380	24416	23891
Oil Hours	500	0	500	500
Oil Changed	Changed	N/A	Changed	Not Changd
Sample Status	ABNORMAL	ABNORMAL	NORMAL	ATTENTION

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OIL CONDITION

Visc @ 100°C	cSt	13.4	13.7	13.6	13.7
Oxidation (PA)	%	80	83	80	81

CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Soot %	%	0.9	0.9	0.2	0.4
Nitration (PA)	%	68	94	67	68
Sulfation (PA)	%	67	73	70	68
Glycol	%	0.0	0.0	0.0	0.0
Fuel	%	<1.0	<1.0	<1.0	<1.0
Silicon	ppm	14	76	7	9
Sodium	ppm	234	1376	114	234
Potassium	ppm	89	523	26	47

Diagnosis

Veillez communiquer avec un représentant Volvo Construction Prepaid Oil Analysis au sujet de l'achat d'une trousse d'échantillonnage appropriée à vos besoins.{sans objet} Il n'y a aucune indication de contamination dans le composant (non confirmée). La quantité de l'échantillonnage du fuel ne suffisait pas à déterminé sa condition et/ou sa classification.

WEAR METALS

Iron	ppm	17	22	17	16
Copper	ppm	2	6	<1	<1
Lead	ppm	<1	5	0	0
Tin	ppm	0	<1	<1	<1
Aluminum	ppm	5	6	3	4
Chromium	ppm	<1	1	<1	<1
Molybdenum	ppm	46	75	40	42
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	0	<1	<1	<1
Silver	ppm	<1	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	1695	1598	1924	1819
Magnesium	ppm	505	487	473	464
Zinc	ppm	1085	1097	1130	1134
Phosphorus	ppm	937	1033	1051	1043
Barium	ppm	<1	0	0	0
Boron	ppm	26	10	38	35

Depot: VOLVO0228
Unique No: 5685116
Signed: Kevin Marson
Report Date: 04 Dec 2023



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VOLVO GRAPHS

