

HYDRAULIC SYSTEM

EQUIP NUM: CWT22

SERIAL NUMBER: A40DV13733

VOLVO A40D_VOLVO

Monitor Compartment



The ISO oil cleanliness code ranges >4, >6 and >14 micron are elevated, possibly due to very fine contaminants in the oil. All other test results are satisfactory, as this oil filter has been changed continue to sample at consistent intervals. For technical enquiries regarding this evaluation, please contact Richard Scott on (08) 9377 8703.

Interp By: Richard Scott

Interpreted On: 06-Apr-23

T08P-53095-0418

SAMPLE SHIP TIME (days) : 6

CAPE MINING

CAPE MINING_118

BODDINGTON

RECEIVED DATE: 05-Apr-23

SAMPLE INFORMATION



Sampled Date	30-Mar-23
Sample Id	T08P-53095-0418
Lab Date	05-Apr-23
Meter [Hr]	13466.0
Comp Meter [Hr]	13466.0
Meter On Fluid	
Fluid Brand	MOBIL
Fluid Weight	68-ISO
Fluid Type	NUTO H
Fluid Change	N
Filter Change	Y
Total Fluid Added	0

PREVIOUS SAMPLE

For additional sample history, go to: my.cat.com

CONDITION-CONTAMINATION

30-Mar-23

OIL CONDITION

OXI	Oxidation	2
SUL	Sulfur Products	12
NIT	Nitration	2

VISCOSITY (Centistokes)

V40	Viscosity at 40 C	65.72
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CRACKLE TEST

W	Water	N
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ADDITIVES-WEAR LEVELS

30-Mar-23

ELEMENTS (PPM) ASTM D5185		
Cu	Copper	1
Fe	Iron	2
Cr	Chromium	<1
Al	Aluminum	<1
Pb	Lead	<1
Sn	Tin	<1
Si	Silicon	2
Na	Sodium	<1
K	Potassium	1
Mo	Molybdenum	<1
Ni	Nickel	<1
Ag	Silver	<1
Ti	Titanium	<1
V	Vanadium	0
Mn	Manganese	0
Cd	Cadmium	0
Ca	Calcium	47
P	Phosphorus	303
Zn	Zinc	390
Mg	Magnesium	1
Ba	Barium	0
B	Boron	<1
In	Indium	<1
Sb	Antimony	0
Li	Lithium	<1

OIL CLEANLINESS

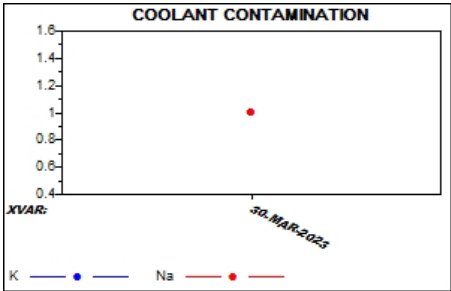
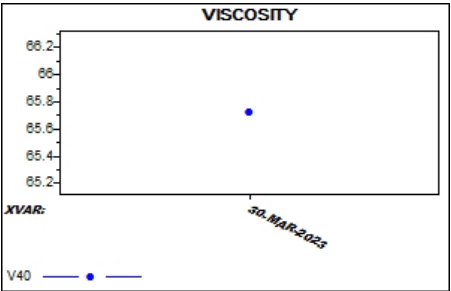
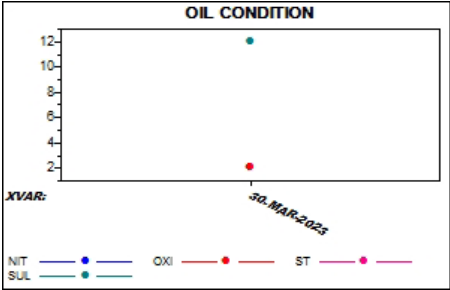
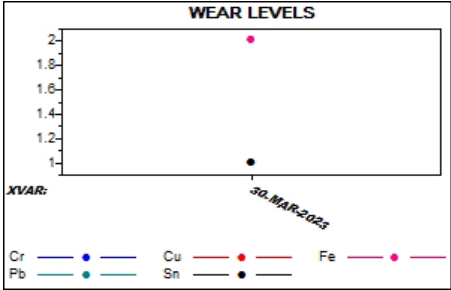
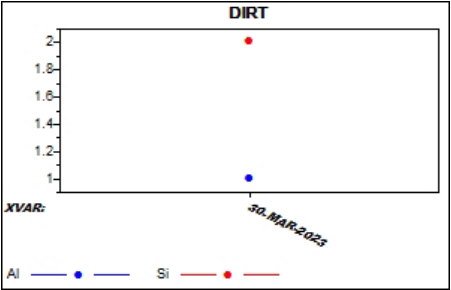
30-Mar-23

PARTICLE COUNT

ISO4	ISO4	23
ISO6	ISO6	22
ISO14	ISO14	20
4μ	4μ	47326
6μ	6μ	26674
10μ	10μ	11990
14μ	14μ	6407
21μ	21μ	2548
25μ	25μ	1367
38μ	38μ	110
70μ	70μ	2

PQI

PQI	PQ Index	2
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Report Comment

NOTICE: This analysis is intended as an aid in predicting mechanical wear and is based upon the supplied information and the results presented in this report. All reported values are tested according to in-house test methods. The results are on an "as received" sample basis. The information supplied by the client is listed in the Sample Information panel of the above report. No guarantee, expressed or implied, is made against failure of this piece of equipment or component.