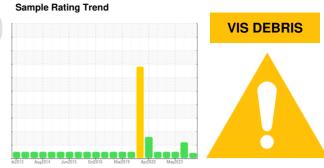


OIL ANALYSIS REPORT



Area

AMR-Cheyenne 17529 VOLVO EC460CL 110459 Hydraulic System

Fluid

DIAGNOSIS	SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Recommendation	Sample Number		Client Info		DJJ028501	DJJ0012256	DJJ0019219
No corrective action is recommended at this time. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. We were unable to perform a particle	Sample Date		Client Info		14 Mar 2024	06 Oct 2023	18 May 2023
	Machine Age	hrs	Client Info		8269	14810	14362
	Oil Age	hrs	Client Info		0	0	0
unt due to a high concentration of particles	Oil Changed		Client Info		Changed	Not Changd	Not Changd
sent in this sample.	Sample Status				ABNORMAL	ABNORMAL	NORMAL
ar	CONTAMINATIC	N	method	limit/base	current	history1	history2
component wear rates are normal.	Water		WC Method		NEG	NEG	NEG
ontamination					NEG		
erate concentration of visible dirt/debris present	WEAR METALS		method	limit/base	current	history1	history2
e oil.	Iron	ppm	ASTM D5185m	>25	1	2	3
Fluid Condition The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.	Chromium	ppm	ASTM D5185m	>10	0	<1	<1
	Nickel	ppm	ASTM D5185m	>10	0	0	0
	Titanium	ppm	ASTM D5185m		0	0	0
	Silver	ppm	ASTM D5185m		0	0	0
	Aluminum	ppm	ASTM D5185m	>20	2	0	0
	Lead	ppm	ASTM D5185m	>20	0	<1	0
	Copper	ppm	ASTM D5185m	>150	2	2	3
	Tin	ppm	ASTM D5185m	>10	<1	0	0
	Vanadium	ppm	ASTM D5185m		0	0	0
	Cadmium	ppm	ASTM D5185m		0	0	0
	ADDITIVES		method	limit/base	current	history1	history2
	Boron	ppm	ASTM D5185m	14	0	0	0
	Barium	ppm	ASTM D5185m	0.0	0	3	0
	Molybdenum	ppm	ASTM D5185m	0.0	3	<1	<1
	Manganese	ppm	ASTM D5185m	0.0	0	0	0
	Magnesium	ppm	ASTM D5185m	2.6	36	1	<1
	Calcium	ppm	ASTM D5185m	49	110	126	87
	Phosphorus	ppm	ASTM D5185m	354	339	361	362
	Zinc	ppm	ASTM D5185m	419	398	454	456
	Sulfur	ppm	ASTM D5185m	3719	974	1013	1146
	CONTAMINANT	S	method	limit/base	current	history1	history2
	Silicon	ppm	ASTM D5185m	>50	0	<1	<1
	Sodium	ppm	ASTM D5185m		0	<1	<1
	Potassium	ppm	ASTM D5185m	>20	1	1	<1
	FLUID CLEANLI	NESS	method	limit/base	current	history1	history2
	Particles >4µm		ASTM D7647	>40000		▲ 94015	7297
	Particles >6µm		ASTM D7647	>10000		A 30917	801
	Particles >14µm		ASTM D7647	>2500		1678	38
	Particles >21µm		ASTM D7647	>640		379	10
	Particles >38µm		ASTM D7647	>160		8	1
	Particles >71µm		ASTM D7647	>40		1	0
	Oil Cleanliness		ISO 4406 (c)	>22/20/18		▲ 24/22/18	20/17/12
			method	limit/base	ourropt	history1	history2
	FLUID DEGRAD	ATION	methou	iiiiii/base	current	TIISTOLA I	TIISTOL YZ

Acid Number (AN)

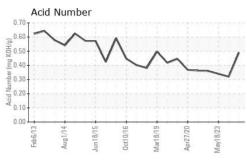
Report Id: ADVKANKS [WUSCAR] 06145257 (Generated: 04/17/2024 18:52:44) Rev: 1

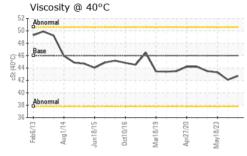
mg KOH/g ASTM D8045

0.49 0.32 0.34 Contact/Location: BRIAN JACOBS - ADVKANKS

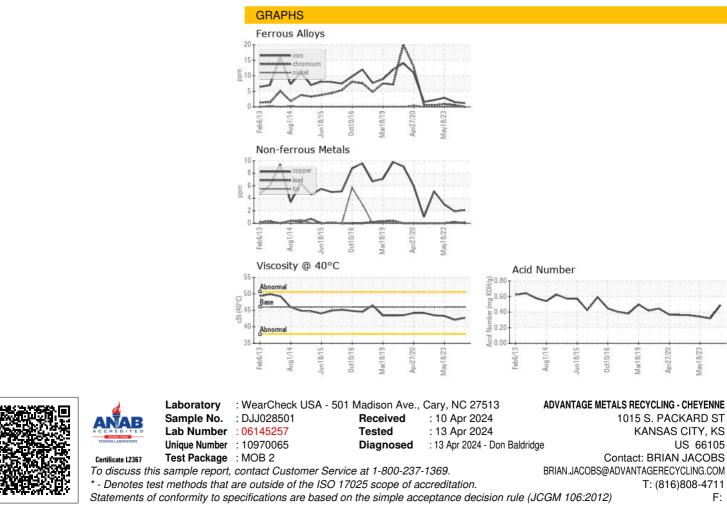


OIL ANALYSIS REPORT





VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	A MODER	LIGHT	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERT	IES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	46	42.7	42.1	43.3
SAMPLE IMAGES	6	method	limit/base	current	history1	history2
Color						
Bottom						



Contact/Location: BRIAN JACOBS - ADVKANKS