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EMPIRE CAT
FLUID ANALYSIS

Details

Welcome,

Sample Details

Select Sample Number 1 2 3 4 5 6 7 8 9

Sample Number 1

[Full History](#)[Graph Report](#)[Messages](#)[Action Taken](#)

Serial No	CR500854	Eval Code	A	Meter Reading	6688
Unit No	EX-11	Lab Number		Equip LTD	6688
Customer		Sample Date	6/08/2025 12:00:00 AM	CMU Hrs	6688
Make	CATERPILLAR	Date Received	8/08/2025 2:14:52 PM	Fluid Hrs	417
Model	305.5E2	Interp Date	13/08/2025 11:06:54 AM	Oil Type	CHEVRON DELO 400 XLE SB
Compartment	Engine : ENG	Job No		Oil Grade	15W-40
Compart SN		Job Site	Default Site	Fluid Chg	Yes ☐ Filter Chg Yes ☐
Comp Make		Sampled Site		Fluid Added	0.00
Comp Model		Label		Coolant	
Sample has attachment	☐	Problem Solved	☐	Action Taken	☐
Email Sent	☐	Reply Email(s)	☐	Sample Confirmed	☐

 Exclude from Statistical Calculations & Graph ☐

PDF

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[Interpretation Comments](#)

Resample: No

Wear Rate and Total Ferrous Debris (pqL) index are acceptable for this sample during the break-in period. Oil Condition Analysis test results are acceptable. No action required. Continue to build a reliable operating trend. Sample again at the next scheduled service interval.

[Customer Comments / Component Notes](#)[Component Repairs/Notes](#)
 Element History ☐ Show Baselines

Elemental Analysis

Unassigned group

Fe	Cu	Pb	Sn	Cr	Ni	Ti	Al	Si	Na	K	B	Ca	Mg	P	Zn	Mo	Li	Sb	Ba	Cd	Mn	Ag	V	Bi	In	V100	GC Fu.	pqL l.	Soot	OXI	NIT	Sulf	AW	FT-IR.	FT-IR.
6	1	0	0	0	0	0	2	4	3	2	9	2180	67	888	977	4	0	1	0	0	0	0	0	1	1	12.78		0	3	12	0	18	18	0	14
4	0	0	0	0	0	0	2	3	5	4	9	2660	74	1050	1170	5	0	1	0	0	0	0	0	0	0	13.01	1.1	0	0	10	0	17	18	0	11
9	0	0	0	0	0	0	2	4	0	3	65	1497	535	710	829	11	0	0	5	0	0	0	0	0	2	9.13	>10.0	0	5	15	0	20	17	1	15
9	1	0	0	0	1	0	2	4	3	3	75	1260	692	656	764	10	0	0	0	0	0	0	0	0	10.00	8.9	0	6	17	0	20	17	1	16	
11	1	0	0	0	0	0	4	4	2	3	120	1510	764	778	898	34	0	0	0	0	0	0	0	0	11.70	6.0	5	10	18	1	21	17	0	17	
10	0	0	0	0	0	0	5	4	3	3	160	1420	759	753	856	53	0	0	0	0	0	0	0	0	13.10	1.2	0	7	18	0	22	18	0	20	
15	1	0	0	0	0	0	4	4	0	3	140	1390	690	721	834	46	0	0	0	0	0	0	0	0	13.52		0	10	19	10	22	17	1	17	
18	0	0	0	0	0	0	4	4	4	3	77	1470	737	804	875	8	0	1	0	0	0	0	0	0	1	13.49		5	14	21	11	23	17	1	21
7	0	0	0	0	0	0	3	3	1	2	160	1580	562	838	940	27	0	0	0	0	0	0	0	0	0	12.75	0.4	5	2	16	9	21	19	0	17

Non Oil Result

No Entries Found