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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	A83102	Eval Code	A	Meter Reading	13957
Unit No	EX-31	Lab Number		Equip LTD	13957
Customer		Sample Date	18/09/2025 12:00:00 AM	CMU Hrs	13957
Make	KOMATSU	Date Received	23/09/2025 5:40:33 AM	Fluid Hrs	577
Model	PC270LC-6	Interp Date	27/09/2025 7:35:45 AM	Oil Type	CHEVRON DELO 400 SDE
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	700	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 (ppL) index are acceptable. 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	Water	V100	GC Fu.	ppL I.	Soot	OXI	NIT	Sulf	AW	FT-IR.	FT-IR.
17	8	2	0	1	0	0	3	9	0	3	50	1910	472	898	1040	45	0	24	0	0	0	0	0	0	1		13.07		0	18	15	0	21	16	1	13
11	1	0	0	1	1	0	4	12	6	2	99	1410	837	853	963	87	0	67	0	0	0	0	0	0	1		13.29		9	8	15	0	20	17	0	15
13	0	0	0	1	0	0	6	19	3	3	200	1490	743	767	889	69	0	0	0	0	0	0	0	0	0		13.28		5	7	16	0	21	17	0	18
7	0	0	0	0	0	0	2	4	3	3	130	1300	642	750	815	15	0	1	0	0	0	0	0	1	0		13.05	0.3	0	5	14	8	19	17	0	13
8	0	0	0	0	0	0	3	4	0	2	478	1669	428	1104	1286	89	0	0	0	0	0	0	0	0	0		13.69		6	10	17	7	22	23	0	17
3	0	0	0	0	0	0	3	3	0	2	519	1729	455	1310	1365	91	0	0	0	0	0	0	0			14.60		7	0	15	5	20	23	0	19	
6	0	0	0	0	0	0	3	5	2	1	403	1542	426	1052	1224	72	0	0	0	0	0	0	0			13.61		6	5	16	7	21	22	0	15	
11	0	0	0	1	0	0	5	6	4	2	408	1658	398	1070	1264	80	0	0	0	0	0	0	0			13.88		5	7	17	7	21	22	0	15	
14	1	2	0	1	0	0	4	7	2	3	111	2983	90	1219	1466	20	0	0	0	0	0	0	0		Neg	14.10		0	0	15	4	20	20	0	15	

Non Oil Result

No Entries Found