



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ATTENTION
FLUID CONDITION	NORMAL



Machine Id
CAT 289D 3003 (S/N TAW12287)
Component
Hydrostatic
Fluid
{not provided} (9 GAL)

RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

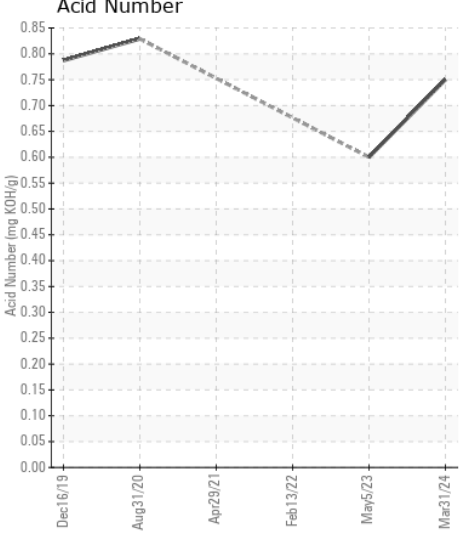
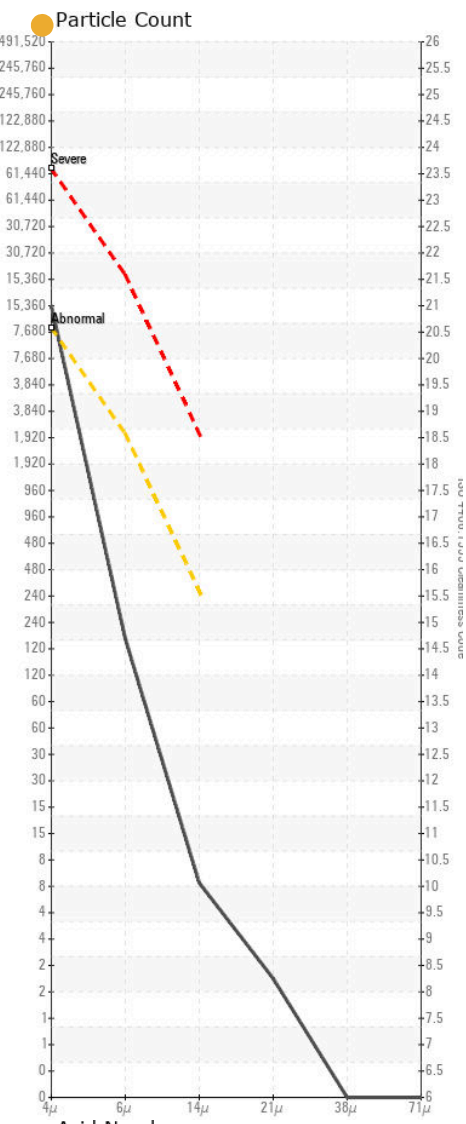
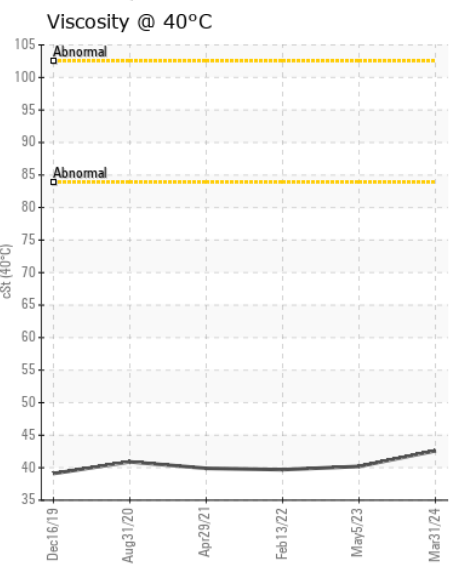
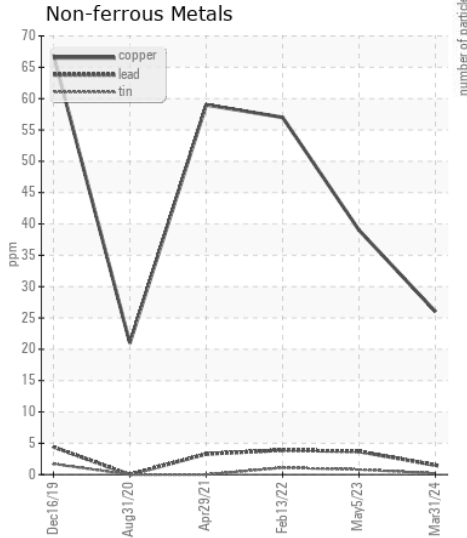
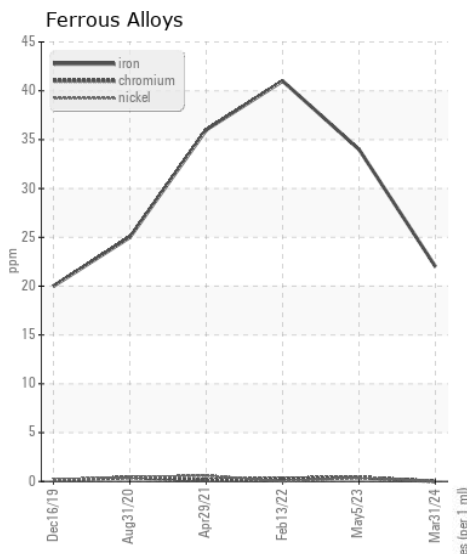
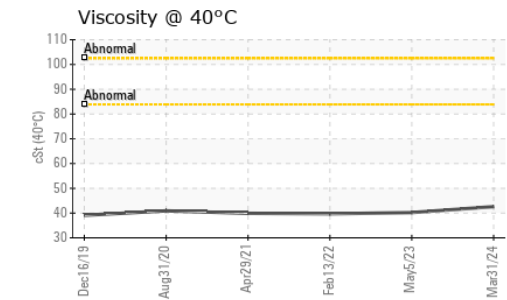
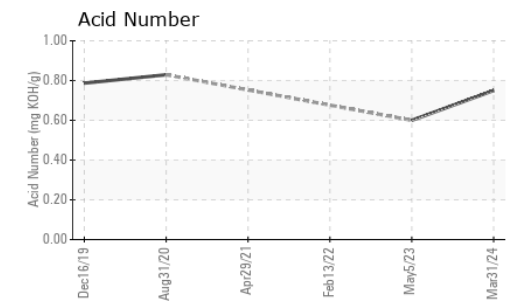
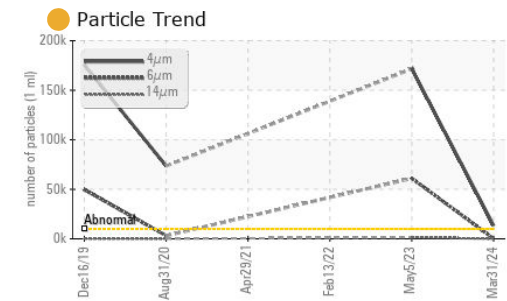
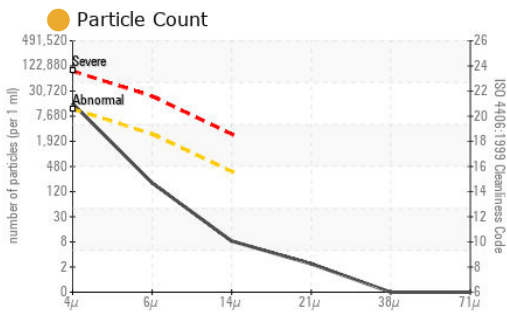
CONTAMINATION

There is a moderate amount of silt (particulates < 14 microns in size) present in the oil.

FLUID CONDITION

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		CL0005297	CL0004258	CL0002871
Sample Date		Client Info		31 Mar 2024	05 May 2023	13 Feb 2022
Machine Age	hrs	Client Info		3064	2635	1980
Oil Age	hrs	Client Info		3064	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Chngd	Not Chngd	Not Chngd
Filter Changed		Client Info		Not Chngd	Changed	Not Chngd
Sample Status				ATTENTION	ABNORMAL	NORMAL
Iron	ppm	ASTM D5185m	>200	22	34	41
Chromium	ppm	ASTM D5185m	>10	0	<1	<1
Nickel	ppm	ASTM D5185m		0	<1	0
Titanium	ppm	ASTM D5185m		<1	<1	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>50	2	5	4
Lead	ppm	ASTM D5185m	>50	2	4	4
Copper	ppm	ASTM D5185m	>200	26	39	57
Tin	ppm	ASTM D5185m	>10	<1	<1	1
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>50	3	7	7
Potassium	ppm	ASTM D5185m	>20	2	1	<1
Water		WC Method	>0.1	NEG	NEG	NEG
Particles >4µm		ASTM D7647	>10000	13378	▲ 171656	---
Particles >6µm		ASTM D7647	>2500	171	▲ 61102	---
Particles >14µm		ASTM D7647	>320	7	▲ 1382	---
Particles >21µm		ASTM D7647	>80	2	▲ 175	---
Particles >38µm		ASTM D7647	>20	0	14	---
Particles >71µm		ASTM D7647	>4	0	0	---
Oil Cleanliness		ISO 4406 (c)	>20/18/15	21/15/10	▲ 25/23/18	---
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	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
Sodium	ppm	ASTM D5185m		0	2	0
Boron	ppm	ASTM D5185m		3	4	6
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		1	1	1
Manganese	ppm	ASTM D5185m		<1	1	2
Magnesium	ppm	ASTM D5185m		74	6	11
Calcium	ppm	ASTM D5185m		399	198	202
Phosphorus	ppm	ASTM D5185m		758	728	716
Zinc	ppm	ASTM D5185m		896	985	856
Sulfur	ppm	ASTM D5185m		2030	2423	1667
Acid Number (AN)	mg KOH/g	ASTM D8045		0.75	0.60	---
Visc @ 40°C	cSt	ASTM D445		42.6	40.2	39.7



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : CL0005297
Lab Number : 06145259
Unique Number : 10970067
Test Package : CONST (Additional Tests: PrtCount)

BAKER AR
 8819 COLUMBUS RD
 DAVIDSON, NC
 US 28036
 Contact: Service Manager

To discuss this sample report, contact Customer Service at 1-800-237-1369.
 * - Denotes test methods that are outside of the ISO 17025 scope of accreditation.
 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)