



WEAR CHECK

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
DELO 400 XLE SYN BLEND 10W30 - WC0833221

Component
New (Unused) Oil
 Fluid
{not provided} (--- GAL)

RECOMMENDATION

This is a baseline read-out on the submitted sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0833221	---	---
Sample Date		Client Info		11 Apr 2024	---	---
Machine Age	hrs	Client Info		0	---	---
Oil Age	hrs	Client Info		0	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		N/A	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				NORMAL	---	---

WEAR

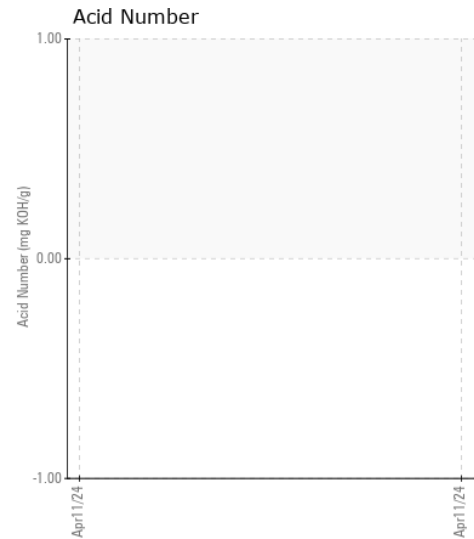
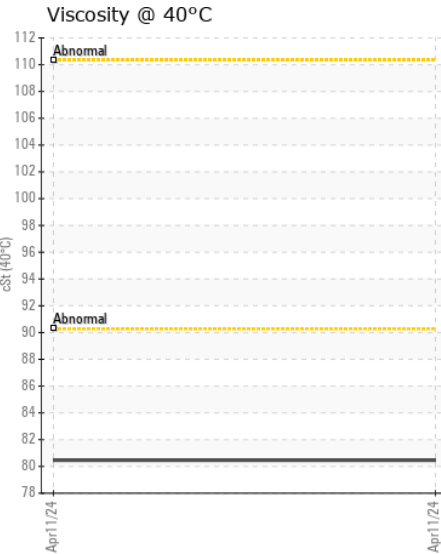
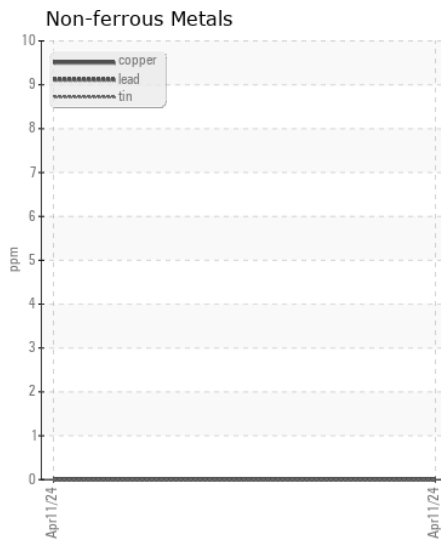
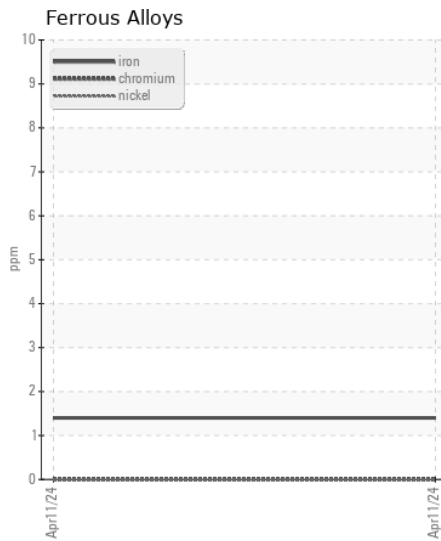
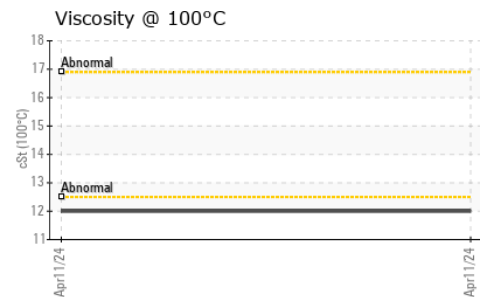
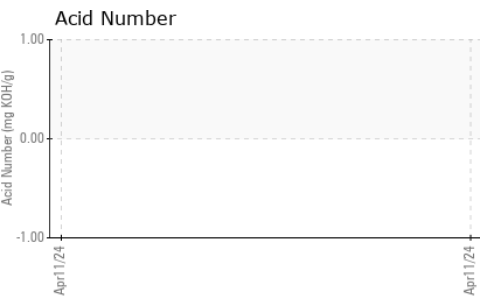
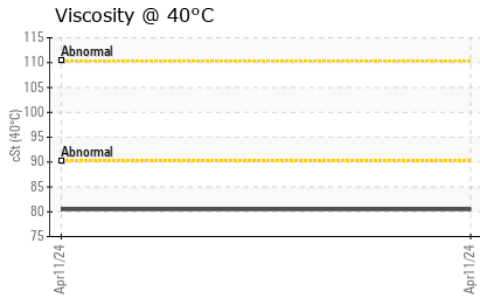
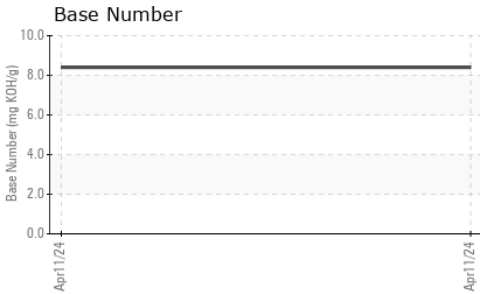
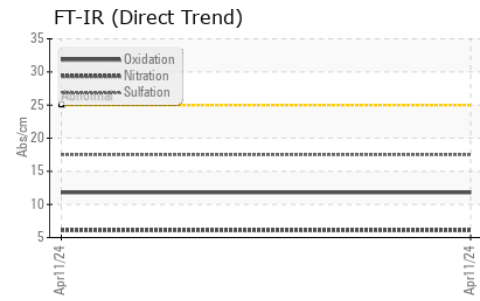
Iron	ppm	ASTM D5185m		1	---	---
Chromium	ppm	ASTM D5185m		0	---	---
Nickel	ppm	ASTM D5185m		0	---	---
Titanium	ppm	ASTM D5185m		0	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m		<1	---	---
Lead	ppm	ASTM D5185m		0	---	---
Copper	ppm	ASTM D5185m		0	---	---
Tin	ppm	ASTM D5185m		0	---	---
Vanadium	ppm	ASTM D5185m		<1	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

CONTAMINATION

Silicon	ppm	ASTM D5185m		5	---	---
Potassium	ppm	ASTM D5185m	>20	0	---	---
Water		WC Method		NEG	---	---
Soot %	%	*ASTM D7844		0	---	---
Nitration	Abs/cm	*ASTM D7624		6.1	---	---
Sulfation	Abs/.1mm	*ASTM D7415		17.5	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual		NEG	---	---

FLUID CONDITION

Sodium	ppm	ASTM D5185m		<1	---	---
Boron	ppm	ASTM D5185m		96	---	---
Barium	ppm	ASTM D5185m		0	---	---
Molybdenum	ppm	ASTM D5185m		0	---	---
Manganese	ppm	ASTM D5185m		0	---	---
Magnesium	ppm	ASTM D5185m		701	---	---
Calcium	ppm	ASTM D5185m		1272	---	---
Phosphorus	ppm	ASTM D5185m		673	---	---
Zinc	ppm	ASTM D5185m		756	---	---
Sulfur	ppm	ASTM D5185m		3368	---	---
Oxidation	Abs/.1mm	*ASTM D7414		11.8	---	---
Base Number (BN)	mg KOH/g	ASTM D2896		8.4	---	---
Visc @ 40°C	cSt	ASTM D445		80.46	---	---
Visc @ 100°C	cSt	ASTM D445		12.00	---	---
Viscosity Index (VI)	Scale	ASTM D2270		143	---	---



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0833221 **Received** : 16 Apr 2024
Lab Number : 06151409 **Tested** : 19 Apr 2024
Unique Number : 10981487 **Diagnosed** : 19 Apr 2024 - Jonathan Hester
Test Package : FLEET (Additional Tests: FT-IR, ICP-NewOil, KV100, PrtCount, TBN, VI)
 To discuss this sample report, contact Customer Service at 1-800-237-1369. **Contact:** MIGUEL PEREZ
 * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. **T:** (509)765-5840
 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) **F:** (500)765-5636