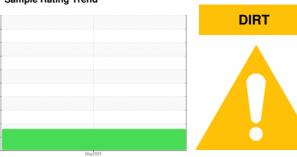


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

NFU 805 (S/N 001)

Component

Gasoline Engine

AC DELCO 5W30 (4 LTR)

DIAGNOSIS

Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor. (Customer Sample Comment: AcDelco 5W-30)

Wear

Metal levels are typical for a new component breaking in.

Contamination

Elemental level of silicon (Si) above normal indicating ingress of seal material.

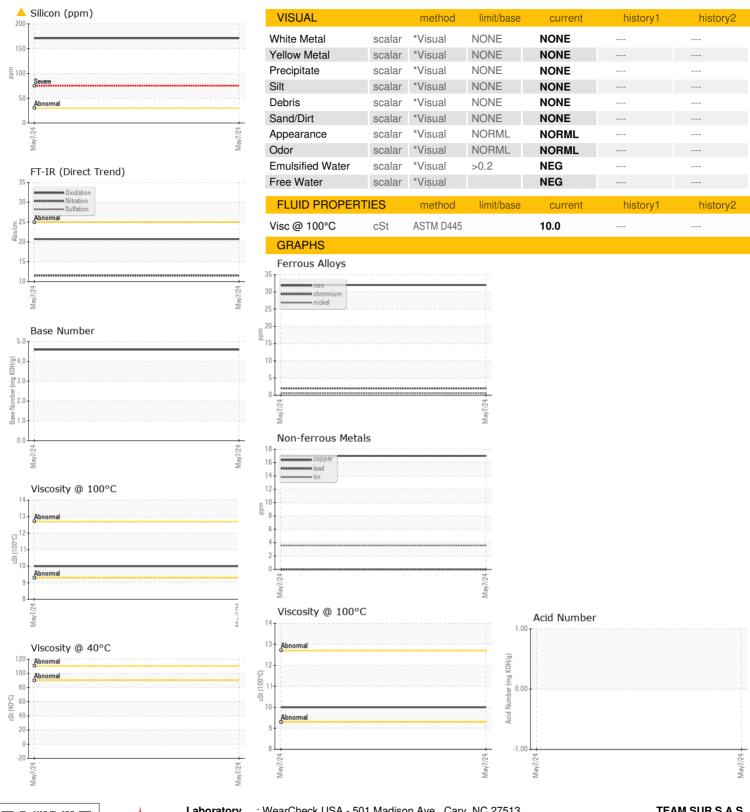
Fluid Condition

The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

				May2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		RP0043920		
Sample Date		Client Info		07 May 2024		
Machine Age	kms	Client Info		10676		
Oil Age	kms	Client Info		10676		
Oil Changed		Client Info		Not Changd		
Sample Status				ABNORMAL		
CONTAMINATIO	V	method	limit/base	current	history1	history2
Fuel		WC Method	>4.0	<1.0		
Glycol		WC Method		NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron Chromium	ppm	ASTM D5185m	>150	32 2		
Nickel	ppm	ASTM D5185m	>5	<1		
Titanium	ppm	ASTM D5185m	>5	0		
Silver	ppm	ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m	>40	5		
Lead	ppm	ASTM D5185m	>50	0		
Copper	ppm	ASTM D5185m		17		
Tin	ppm	ASTM D5185m	>10	4		
Vanadium	ppm	ASTM D5185m	>10	<1		
Cadmium	ppm	ASTM D5185m		0		
	ρρ		11		la forta a const	I-1-4
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		11		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		139		
Manganese	ppm	ASTM D5185m		9		
Magnesium	ppm	ASTM D5185m		430		
Calcium	ppm	ASTM D5185m		1302		
Phosphorus	ppm	ASTM D5185m		636		
Zinc	ppm	ASTM D5185m		765		
CONTAMINANTS	3	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>30	<u> </u>		
Sodium	ppm	ASTM D5185m	>400	9		
Potassium	ppm	ASTM D5185m	>20	2		
Water	%	ASTM D6304	>0.2	NEG		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		0.1		
Nitration	Abs/cm	*ASTM D7624	>20	11.5		
Sulfation	Abs/.1mm	*ASTM D7415	>30	25.0		
FLUID DEGRADA	NOITA	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	20.7		
Oxidation	7100/.1111111	710 HVI D7 H I		_0		



OIL ANALYSIS REPORT







Certificate 12367

Sample No. : RP0043920

Lab Number : 06199446 Unique Number : 11061569

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 04 Jun 2024 **Tested** : 06 Jun 2024

Diagnosed : 06 Jun 2024 - Sean Felton Test Package : IND 2 (Additional Tests: FT-IR, KV100, TBN)

To discuss this sample report, contact Customer Service at 1-800-237-1369. st - 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)

TEAM SUR S.A.S.

BOGOTA, CO Contact: Team Sur

jconde@teamsur.com T: (300)740-0654

Submitted By: Team Sur