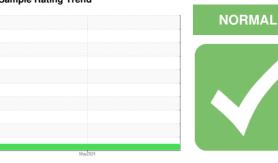


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

1019 PU 157

Gasoline Engine

DIESEL ENGINE OIL SAE 5W30 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

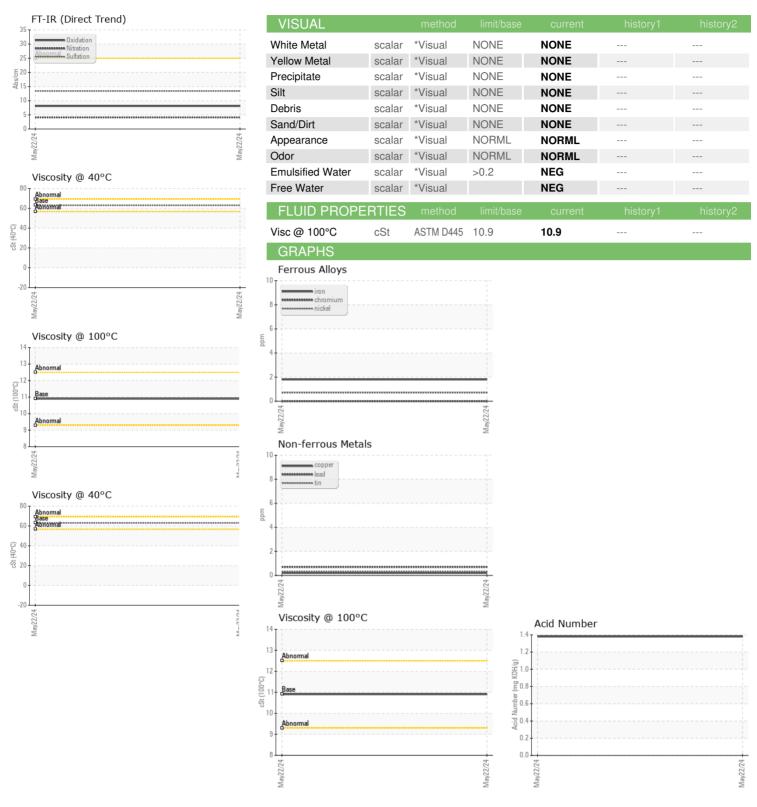
Fluid Condition

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

				May2024		
SAMPLE INFOR	RMATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0101409		
Sample Date		Client Info		22 May 2024		
Machine Age	mls	Client Info		289039		
Oil Age	mls	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINAT	TON	method	limit/base	current	history1	history2
Fuel		WC Method	>4.0	<1.0		
Water		WC Method	>0.2	NEG		
Glycol		WC Method		NEG		
WEAR METAL	_S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>150	2		
Chromium	ppm	ASTM D5185m	>20	0		
Nickel	ppm	ASTM D5185m	>5	<1		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m	>2	<1		
Aluminum	ppm	ASTM D5185m	>40	5		
Lead	ppm	ASTM D5185m	>50	<1		
Copper	ppm	ASTM D5185m	>155	<1		
Tin	ppm	ASTM D5185m	>10	<1		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	250	130		
Barium	ppm	ASTM D5185m	10	0		
Molybdenum	ppm	ASTM D5185m	100	269		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m	450	466		
Calcium	ppm	ASTM D5185m	3000	1337		
Phosphorus	ppm	ASTM D5185m	1150	594		
Zinc	ppm	ASTM D5185m	1350	780		
Sulfur	ppm	ASTM D5185m	4250	2361		
CONTAMINAN	NTS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>30	10		
Sodium	ppm	ASTM D5185m	>400	<1		
Potassium	ppm	ASTM D5185m	>20	9		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		0		
Nitration	Abs/cm	*ASTM D7624	>20	4.1		
Sulfation	Abs/.1mm	*ASTM D7415	>30	13.4		
FLUID DEGRA	DATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	8.1		
Acid Number (AN)	mg KOH/g	ASTM D8045		1.38		



OIL ANALYSIS REPORT







Certificate 12367

Sample No.

: PCA0101409 Lab Number : 06189462 Unique Number : 11046214

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 23 May 2024 **Tested** : 03 Jun 2024 : 03 Jun 2024 - Jonathan Hester Diagnosed

Test Package : IND 2 (Additional Tests: FT-IR, KV40) 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.

DELTA FUEL COMPANY

1000 WELLS ISLAND RD SHREVEPORT, LA US 71107 Contact: BRAD GORDON

bgordon@deltafuel.com T: (318)780-3921

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)