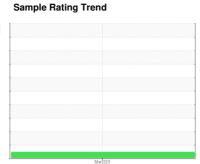


OIL ANALYSIS REPORT









Machine Id **DT753** Component
Diesel Engine {not provided} (--- GAL

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

All component wear rates are normal.

Contamination

Fuel content negligible. There is no indication of any contamination in the oil.

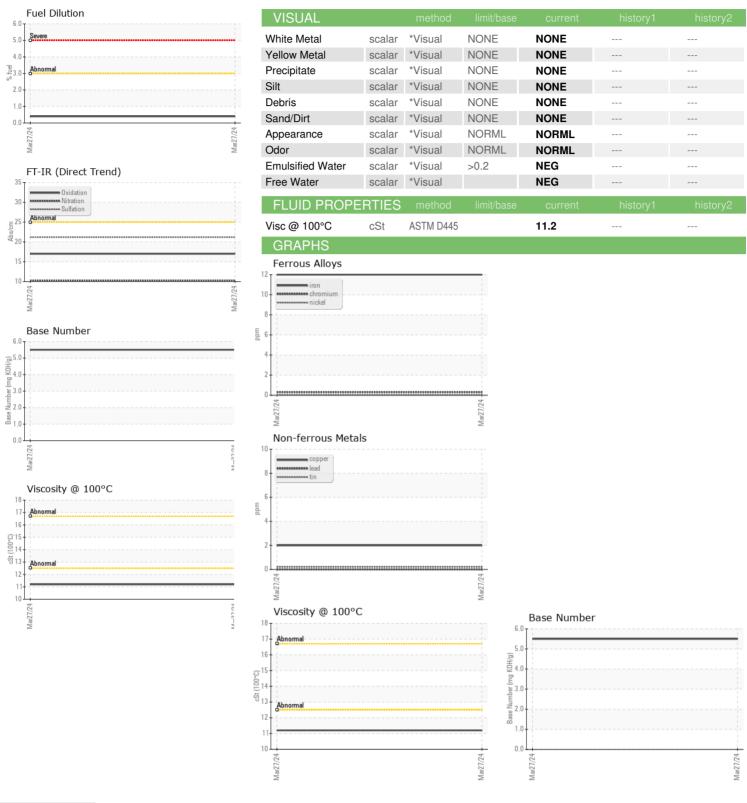
Fluid Condition

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

_)				Mar2024		
-,						
SAMPLE INFORI	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0119997		
Sample Date		Client Info		27 Mar 2024		
Machine Age	mls	Client Info		229086		
Oil Age	mls	Client Info		0		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
CONTAMINAT	ION	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG		
Glycol		WC Method		NEG		
WEAR METAL	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>120	12		
Chromium	ppm	ASTM D5185m	>20	<1		
Nickel	ppm	ASTM D5185m	>5	0		
Titanium	ppm	ASTM D5185m	>2	0		
Silver	ppm	ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m	>20	2		
Lead	ppm	ASTM D5185m	>40	0		
Copper	ppm	ASTM D5185m	>330	2		
Tin	ppm	ASTM D5185m	>15	<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		13		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		59		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		877		
Calcium	ppm	ASTM D5185m		1122		
Phosphorus	ppm	ASTM D5185m		979		
Zinc	ppm	ASTM D5185m		1220		
Sulfur	ppm	ASTM D5185m		3073		
CONTAMINAN	ITS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	4		
Sodium	ppm	ASTM D5185m		2		
Potassium	ppm	ASTM D5185m	>20	0		
Fuel	%	ASTM D3524	>3.0	0.4		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>4	0.6		
Nitration	Abs/cm	*ASTM D7624	>20	10.2		
Sulfation	Abs/.1mm	*ASTM D7415	>30	21.2		
FLUID DEGRA	DATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	17.0		
Base Number (BN)	mg KOH/g	ASTM D2896		5.5		



OIL ANALYSIS REPORT







Certificate 12367

Laboratory

Sample No.

: PCA0119997 Lab Number : 06141076 Unique Number : 10965884

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received

: 08 Apr 2024 **Tested** : 15 Apr 2024 Diagnosed

: 15 Apr 2024 - Jonathan Hester Test Package: FLEET (Additional Tests: FuelDilution, PercentFuel)

US 29210 Contact: GEORGE EDWARDS gedwards@nwwhite.com T:

100 INDEPENDENCE BLVD

NW WHITE & CO - COLUMBIA DIVISION

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)

F:

COLUMBIA, SC