

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

DODGE DURANGO 4470-05 LC309271

Component Gasoline Engine

{not provided} (--- GAL)

Recommendation

No corrective action is recommended at this time.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

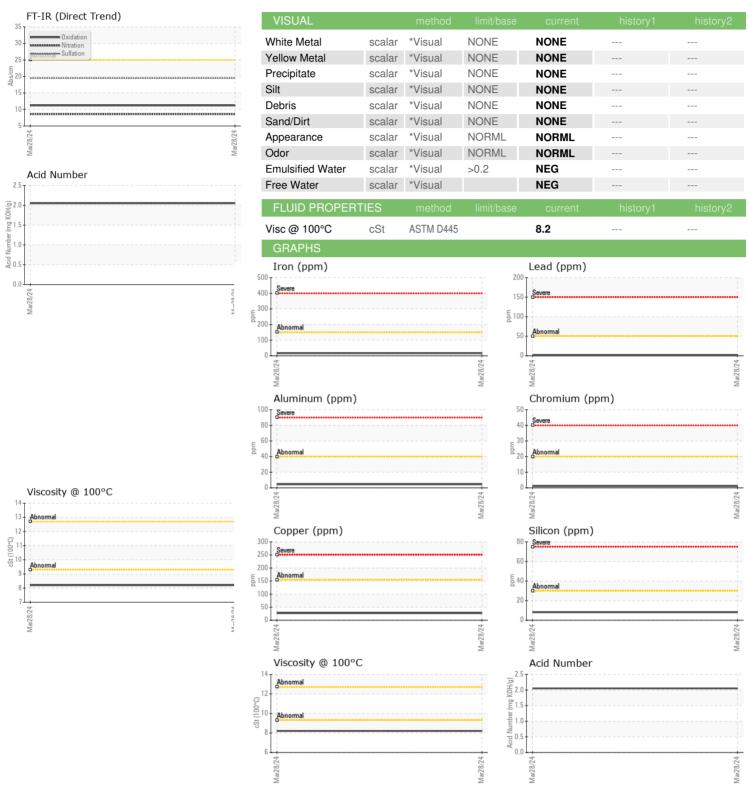
Fluid Condition

The AN level is acceptable for this fluid.

				Mar2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0795782		
Sample Date		Client Info		28 Mar 2024		
Machine Age	mls	Client Info		0		
Oil Age	mls	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINATIO	V	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG		
Glycol		WC Method		NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>150	16		
Chromium	ppm	ASTM D5185m	>20	1		
Nickel	ppm	ASTM D5185m	>5	1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m	>40	4		
Lead	ppm	ASTM D5185m	>50	1		
Copper	ppm	ASTM D5185m	>155	27		
Tin	ppm	ASTM D5185m	>10	1		
Vanadium	ppm	ASTM D5185m	7.0	<1		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		60		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		171		
Manganese	ppm	ASTM D5185m		1		
Magnesium	ppm	ASTM D5185m		544		
Calcium	ppm	ASTM D5185m		1571		
Phosphorus	ppm	ASTM D5185m		875		
Zinc		ASTM D5185m		1018		
Sulfur	ppm	ASTM D5185m		2848		
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CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>30	8		
Sodium	ppm	ASTM D5185m	>400	4		
Potassium	ppm	ASTM D5185m	>20	3		
Fuel	%	ASTM D3524	>4.0	<1.0		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		0		
Nitration	Abs/cm	*ASTM D7624	>20	8.6		
Sulfation	Abs/.1mm	*ASTM D7415	>30	19.5		
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FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
FLUID DEGRADA Oxidation	ATION Abs/.1mm	*ASTM D7414	>25	current	history1 	



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Certificate 12367

Laboratory Sample No.

: WC0795782 Lab Number : 06135740 Unique Number : 10955205

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 02 Apr 2024 **Tested** : 04 Apr 2024 : 04 Apr 2024 - Jonathan Hester Diagnosed

Test Package : MOB 2 (Additional Tests: FuelDilution, PercentFuel) 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)

cca1406@yahoo.com T: x:

PO BOX 56

US 21035

F: x:

DAVIDSONVILLE TECH

Contact: CHRIS ARNOLD

DAVIDSONVILLE, MD