



Machine Id

FORD Red service pickup 98066

Diesel Engine Fluid AMERIGUARD 15W40 (--- GAL)

Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor. (Customer Sample Comment: Ameriguard 15w40)

Wear

All component wear rates are normal.

Contamination

Light fuel dilution occurring.

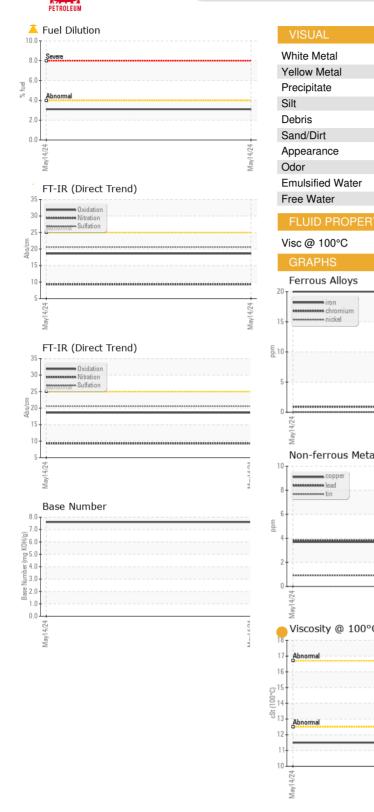
Fluid Condition

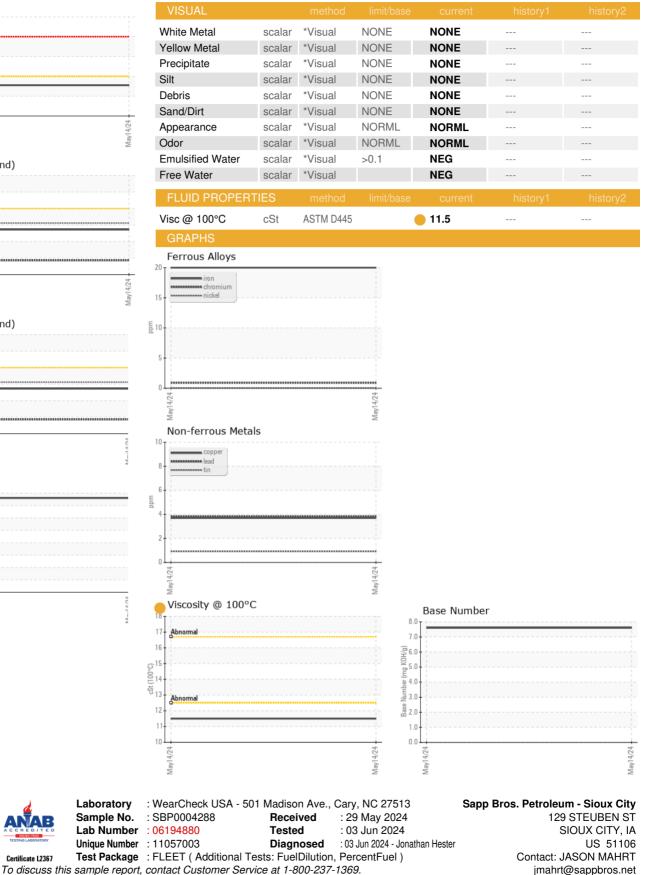
The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		SBP0004288		
Sample Date		Client Info		14 May 2024		
Machine Age		Client Info		249572		
Oil Age		Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				ATTENTION		
CONTAMINATION	J	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG		
Glycol		WC Method		NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>75	20		
Chromium	ppm	ASTM D5185m	>10	<1		
Nickel	ppm	ASTM D5185m	>5	0		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m	>5	<1		
Aluminum	ppm	ASTM D5185m	>7	5		
Lead	ppm	ASTM D5185m	>50	4		
Copper	ppm	ASTM D5185m	>100	4		
Tin	ppm	ASTM D5185m	>10	<1		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		5		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		58		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		900		
Calcium	ppm	ASTM D5185m		1197		
Phosphorus	ppm	ASTM D5185m		1057		
Zinc	ppm	ASTM D5185m		1191		
Sulfur	ppm	ASTM D5185m		3302		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>5	12		
Sodium	ppm	ASTM D5185m		5		
Potassium	ppm	ASTM D5185m	>20	2		
Fuel	%	ASTM D3524	>4.0	<mark>▲</mark> 3.1		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		0.1		
Nitration	Abs/cm	*ASTM D7624	>20	9.3		
Sulfation	Abs/.1mm	*ASTM D7415	>30	20.6		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	18.6		
Base Number (BN)	mg KOH/g	ASTM D2896		7.6		



OIL ANALYSIS REPORT





Report Id: SAPSIO [WUSCAR] 06194880 (Generated: 06/04/2024 11:49:51) Rev: 1

Certificate 12367

Laboratory

Sample No.

* - 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)

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