## **OIL ANALYSIS REPORT**

Sample Rating Trend

#### NORMAL

### [175816-N2STV4W] E800 ROCKET ENGINE BE-3 PM Component

**Hydraulic System** 

**Parker** 

{not provided} (1 GAL)

#### DIAGNOSIS

#### Recommendation

Resample at the next service interval to monitor. Chlorine 16.2 ppm. Please note that this is a corrected copy for laboratory data updates.

#### Wear

All component wear rates are normal.

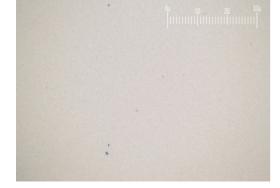
#### Contamination

There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable.

#### Fluid Condition

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

#### Particle Filter (Magn: 200 x)



				Mar2024		
SAMPLE INFORM		method	limit/base	ourropt	history1	history2
	MATION		iimii/base	current	riistory i	nistory2
Sample Number		Client Info		PH06132625		
Sample Date		Client Info		23 Mar 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	<1		
Chromium	ppm	ASTM D5185m	>20	<1		
Nickel	ppm	ASTM D5185m	>20	<1		
Titanium	ppm	ASTM D5185m	20	<1		
Silver	ppm	ASTM D5185m		<1		
Aluminum	ppm	ASTM D5185m	>20	2		
Lead	ppm	ASTM D5185m	>20	- <1		
Copper	ppm		>20	<1		
Tin	ppm	ASTM D5185m	>20	<1		
Vanadium	ppm	ASTM D5185m	220	<1		
Cadmium		ASTM D5185m		<1		
	ppm	ASTIVI DOTODITI		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		<1		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		<1		
Calcium	ppm	ASTM D5185m		3		
Phosphorus	ppm	ASTM D5185m		107		
Zinc	ppm	ASTM D5185m		0		
Sulfur	ppm	ASTM D5185m		92		
CONTAMINANTS	3	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	2		
Sodium	ppm	ASTM D5185m	210	<1		
Potassium	ppm	ASTM D5185m	>20	<1		
Chlorine Content	ppm	ASTM D5185m		16.2		
Water	%	ASTM D5105III	>0.05	0.005		
ppm Water	ppm	ASTM D0304 ASTM D6304		57		
					11.1	
FLUID CLEANLIN	NESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	315		
Particles >6µm		ASTM D7647		101		
Particles >14µm		ASTM D7647	>320	14		
Particles >21µm		ASTM D7647		6		
Particles >38µm		ASTM D7647	>20	1		
Particles >71µm		ASTM D7647		0		
Oil Cleanliness		ISO 4406 (c)	>20/18/15	15/14/11		
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.04		
	3 9			<b>a</b>	<u> </u>	<b>D</b> 111/ <b>C</b> 11

Report Id: BLUKEN [WUSCAR] 06132625 (Generated: 04/01/2024 16:26:09) Rev: 3

Contact/Location: Service Manager - BLUKEN



# **OIL ANALYSIS REPORT**

NONE

NONE

NONE

NONE

NONE

NONE

NORML

NORML

NEG

NEG

14.9

no image

no image

no image

Particle Filter (Magn: 200 x)

Acid Number

(B/H0)

E 0.04

la C.02

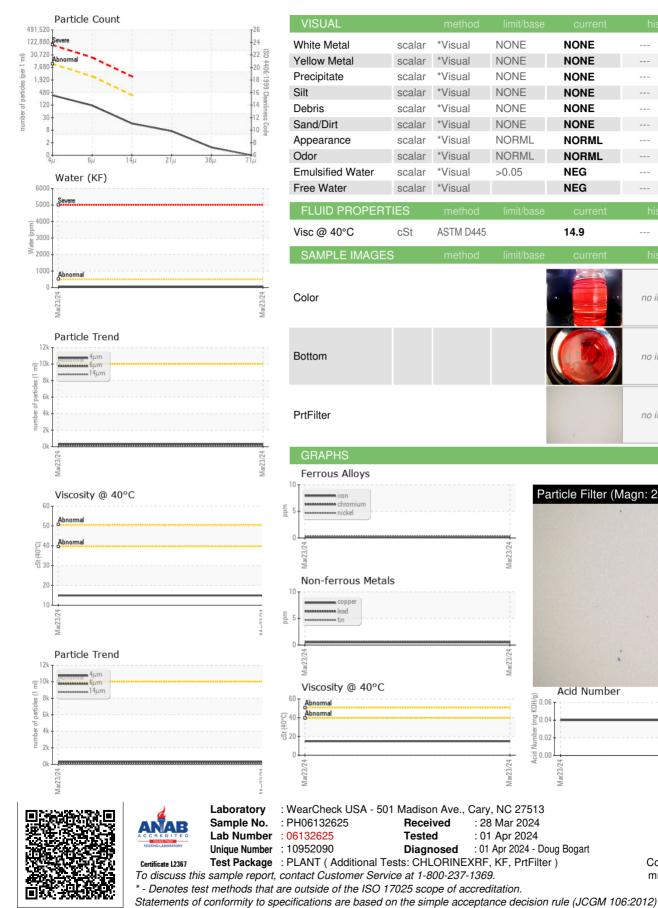
Pg 0.00

Mar23/24

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