

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

PTI 6IN FIENDER CORPORATION ASSET 015 (S/N 308498)

Gearbox Fluid

NOT GIVEN (25 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.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

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

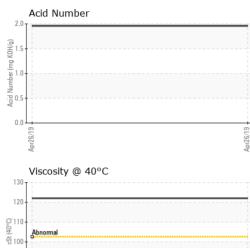
				Apr2019		
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WCI2351864		
Sample Date		Client Info		26 Apr 2019		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	14		
Chromium	ppm	ASTM D5185m	>15	<1		
Nickel	ppm	ASTM D5185m	>15	<1		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		<1		
Aluminum	ppm	ASTM D5185m	>25	<1		
Lead	ppm	ASTM D5185m	>100	1		
Copper	ppm	ASTM D5185m	>200	4		
Tin	ppm	ASTM D5185m	>25	0		
Antimony	ppm	ASTM D5185m		0		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		82		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		4		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		4		
Calcium	ppm	ASTM D5185m		99		
Phosphorus	ppm	ASTM D5185m		668		
Zinc	ppm	ASTM D5185m		66		
Sulfur	ppm	ASTM D5185m		15788		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	7		
Sodium	ppm	ASTM D5185m		1		
Potassium	ppm	ASTM D5185m	>20	20		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		1.959		



90 Abnorma 80 Apr26/19 .

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VISUAL



				method	limit/base	current	history1	history2
		White Metal	scalar	*Visual	NONE	LIGHT		
		Yellow Metal	scalar	*Visual	NONE	NONE		
		Precipitate	scalar	*Visual	NONE	NONE		
		Silt	scalar	*Visual	NONE	NONE		
		Debris	scalar	*Visual	NONE	LIGHT		
		Sand/Dirt	scalar	*Visual	NONE	NONE		
	Apr26/19	Appearance	scalar	*Visual	NORML	NORML		
	Aprá	Odor	scalar	*Visual	NORML	NORML		
		Emulsified Water	scalar	*Visual	>0.2	NEG		
		Free Water	scalar	*Visual		NEG		
		FLUID PROPERT	TIES	method	limit/base	current	history1	history2
					mmbase		matory	matoryz
		Visc @ 40°C	cSt	ASTM D445		122		
		SAMPLE IMAGES	S	method	limit/base	current	history1	history2
	6/19	Color					no image	no image
	Apr26/19						C C	
						1		
		Bottom				C III	no image	no image
		GRAPHS						
		Ferrous Alloys						
		¹⁵ T						
		iron chromium						
	E	IU - nickel						
	maa	1						
		5						
		5						
					6			
		5 0 6 1/2 2/d			pr26/19			
		5 0 1/92/de Non-forrous Motal			Apr26/19			
		Non-ferrous Metal	s		Apr26/19			
		Non-ferrous Metal	s		Apr26/19			
	E	Non-ferrous Metal	s		AprZ6/19			
	ша	Non-ferrous Metal	s		Apr26/19			
	шаа	Non-ferrous Metal	s		Apr26/19			
	Цо Q	Non-ferrous Metal	s					
	ша	Non-ferrous Metal	S					
	ша	Non-ferrous Metal	S		Apr26/19			
		Non-ferrous Metal	S		Apr26/19	Acid Number		
	1	Non-ferrous Metal	S		Apr26/19	Acid Number		
	1	Non-ferrous Metal	5		Apr26/19	Acid Number		
	1	Non-ferrous Metal	S		Apr26/19	Acid Number		
	cSt (40°C)	Non-ferrous Metal	S		Apr26/19	Acid Number		
	cSt (40°C)	Non-ferrous Metal	S		40128/113 40120 400120 40010000000000000000000000			
	cSt (40°C)	Non-ferrous Metal	S		40128/113 40120 400120 40010000000000000000000000			
	cSt (40°C)	Non-ferrous Metal	S		6U93204 9405800 940080000000000000000000000000000000	Acid Number		
Laborato	cSt (40°C)	Non-ferrous Metal		son Ave Ca	Apr26/19 Action 10 Action	Ap/26/19	PRINSCO	
Laborato Sample N	1 (3-04) 1550	Non-ferrous Metal			6U932dW (0)H03 Bull January 6U922dW ry, NC 27513	Ap/26/19	PRINSCO - C	HATSWORT
Laborato Sample N Lab Num	1 (3-04) 189 Dry	Non-ferrous Metal	501 Madi	d : 30 /	Apr26/19 Action 10 Action	Ap/26/19		CHATSWORT PO BOX 72 ATSWORTH,
Sample N Lab Num Unique Nu	ary No. Iber Imber	Non-ferrous Metal	501 Madia	d : 30 / ed : 01	(0)HO3 Dudy 6U932dd 1.5 6U922dd 1.9 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	Ap/26/19	CHA	CHATSWORT PO BOX 72 ATSWORTH, US 6092
Sample N Lab Num Unique Nui icate L2367 Test Pack	ary No. Inber Imber kage	Non-ferrous Metal	501 Madia Received Diagnos	d : 30 / ed : 01 tician : Dou	(b) 400 (b) 400 (b) 400 (b) 400 (b) 400 (b) 400 (c)	Ap/26/19	CHA Contact:	CHATSWORT PO BOX 72 ATSWORTH, US 6092 JUSTIN MYE
Sample N Lab Num Unique Nui isate 12367 Test Pack liscuss this sample rej	ary No. ber hage port, co	Non-ferrous Metal	501 Madia Received Diagnos Diagnos	d : 30 / ed : 01 tician : Dou	(0)HOX DW 100 100 100 100 100 100 100 100	Ap/26/19	CHA Contact:	CHATSWORT PO BOX 72 ATSWORTH, US 6092

Contact/Location: JUSTIN MYER - PRICHA