



# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Area

**(C-GRJR)**

Machine Id

**[C-GRJR] PIAGGIO P180 AVANTI II 1224 NOSE LANDING GEAR DOWN LINE**

Component

**Hydraulic System**

Fluid

**ROYAL ROYCO 756 (4 QTS)**

## DIAGNOSIS

### Recommendation

This is a baseline read-out on the submitted sample.

### Contamination



NAS 1638 Class: 7, Discrete particle counts [100 ml] 5-15µm = 20630, 15-25µm = 1172, 25-50µm = 619, 50-100µm = 96, >100µm = 12.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			<b>WC0922615</b>	---	---
Sample Date	Client Info			<b>01 Apr 2024</b>	---	---
Machine Age	hrs	Client Info		<b>1826</b>	---	---
Oil Age	hrs	Client Info		<b>262</b>	---	---
Oil Changed	Client Info			<b>Changed</b>	---	---
Sample Status				<b>NORMAL</b>	---	---

CONTAMINATION		method	limit/base	current	history1	history2
Water	WC Method		>0.05	<b>NEG</b>	---	---

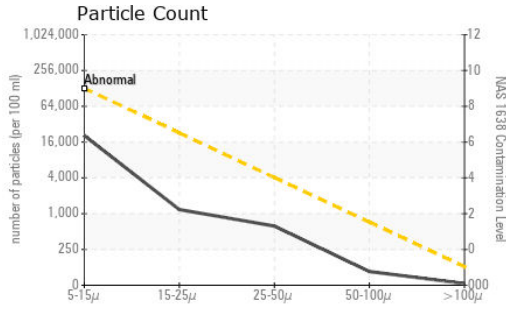
FLUID CLEANLINESS		method	limit/base	current	history1	history2
Oil Cleanliness	ISO 4406 (c)		>9	<b>18/16/11</b>	---	---
Particles 5-15µm	count	NAS 1638	>128000	<b>20630</b>	---	---
Particles 15-25µm	count	NAS 1638	>22800	<b>1172</b>	---	---
Particles 25-50µm	count	NAS 1638	>4050	<b>619</b>	---	---
Particles 50-100µm	count	NAS 1638	>720	<b>96</b>	---	---
Particles >100µm	count	NAS 1638	>128	<b>12</b>	---	---
NAS 1638	Class	NAS 1638	>9	<b>7</b>	---	---

VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	<b>NONE</b>	---	---
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	---	---
Precipitate	scalar	Visual*	NONE	<b>NONE</b>	---	---
Silt	scalar	Visual*	NONE	<b>NONE</b>	---	---
Debris	scalar	Visual*	NONE	<b>NONE</b>	---	---
Sand/Dirt	scalar	Visual*	NONE	<b>NONE</b>	---	---
Appearance	scalar	Visual*	NORML	<b>NORML</b>	---	---
Odor	scalar	Visual*	NORML	<b>NORML</b>	---	---

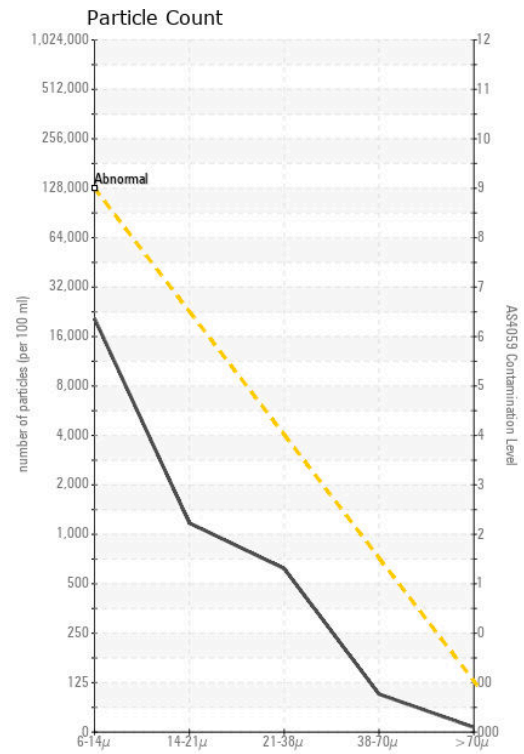
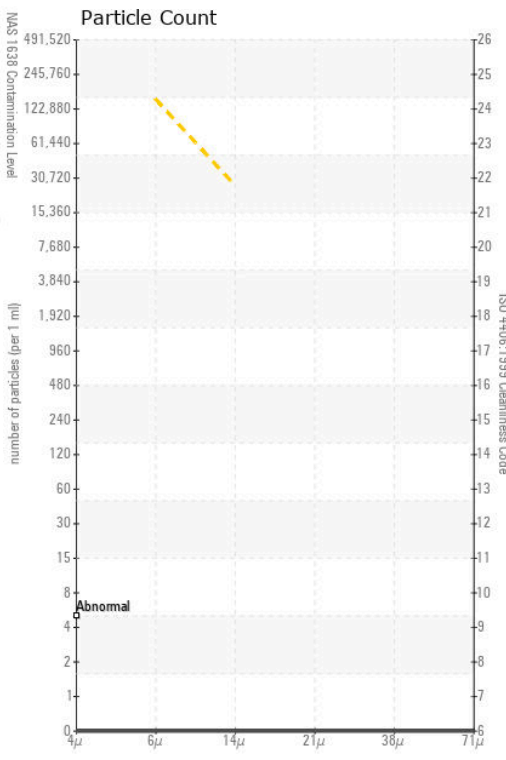
SAMPLE IMAGES		method	limit/base	current	history1	history2
Color					no image	no image
Bottom					no image	no image



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## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WC0922615 **Received** : 02 Apr 2024  
**Lab Number** : 02626274 **Tested** : 05 Apr 2024  
**Unique Number** : 5759406 **Diagnosed** : 05 Apr 2024 - Kevin Marson  
**Test Package** : TEST ( Additional Tests: PrtCount, PrtCountNAS )

To discuss this sample report, contact Customer Service at 1-800-268-2131.  
 Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab.  
 Validity of results and interpretation are based on the sample and information as supplied.

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