



GO BEYOND

P&WC 11524 (2021-07) MRO Information Management (9290)

S.I.L. NO.
GEN-153R12

SERVICE INFORMATION LETTER

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Subject: **P&WC's Oil Analysis Technology Service Logistics Information**

Applicability: **All P&WC Engine Models**

The purpose of this Service Information Letter is to inform operators of the logistic instructions for the P&WC's Oil Analysis Technology Service.

This SIL revision is issued to include the following updates:

1. New volume discount for OilAT Service for 2024
2. Ending of the Subscription Service

P&WC's Oil Analysis Technology description

Combined with existing oil-system monitoring tools, such as the chip detector and oil filter analysis, this innovative technology provides the most comprehensive view on the health of your oil-wetted components. Based on oil samples collected from the engine, P&WC's Oil Analysis Technology can trend oil-wetted components health and in some cases, associate the wear patterns of oil-wetted specific components to their stage of deterioration.

By providing deep insights into the health and operation of your engines without intrusive inspection, the P&WC Oil Analysis Technology Solution delivers a proactive and preventive maintenance environment – effectively helping you maximize aircraft availability.

P&WC's Oil Analysis Technology Service is provided in collaboration with Gastops Ltd; however, P&WC is the proprietary owner of the technology and is responsible for the service.

This Service Information Letter is valid until superseded or cancelled by revision.

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P&WC's Oil Analysis Technology Sampling Procedure

For detailed instructions, the P&WC's Oil Analysis Technology sampling procedures are published in the P&WC Engine Maintenance Manual or respective Instruction for Continued Airworthiness (ICA).

NOTE: P&WC's Oil Analysis Technology is a trending service and is not to be applied for the purposes of establishing engine serviceability, unless otherwise specified by the applicable Engine Maintenance Manual. No customer should be AOG while waiting on P&WC's Oil Analysis Technology kits or results. Refer to the Engine Maintenance Manual for recommendations on Continued Airworthiness.

NOTE: P&WC's Oil Analysis Technology is complementary to oil filter/chip analysis per Engine Maintenance Manual. Oil filter debris and chip analysis can be done in any independent laboratory listed in SIL GEN-123. Only P&WC's Oil Analysis Technology program samples must be sent to Gastops.

P&WC's Oil Analysis Technology Package purchase

Each P&WC's Oil Analysis Technology Package purchased includes the following:

1. One oil sampling kit

NOTE: P&WC's Oil Analysis Technology oil sampling kit contains all the items necessary to collect the oil sample, and a padded envelope for free of charge shipment to the laboratory.

2. The following services

- High Precision Oil Debris Analysis and report for components such as bearings, seals and gears
- Oil Properties Analysis and report including TAN (Total Acid Number) and water content
- Support for collecting the oil sample
- Detailed reports on key component health indicators
- Maintenance recommendations by one of our experts

- a- For ordering when not included under ESP/FMP

The Oil Analysis Technology Service is available with volume discount:

- 2 to 5 kits: 10% discount
- 6 to 10 kits: 20% discount
- 11 to 20 kits: 30% discount
- 21 or more: 40% discount

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To purchase P&WC's Oil Analysis Technology Package, log into the MyP&WC Power customer portal (<http://customer.pwc.ca>) and search for the Service P/N applicable to your engine model by referring to Table 1. Based on the total quantity of the kits selected, volume discount will be applied automatically.

All P&WC's Oil Analysis Technology orders must indicate Pratt & Whitney Canada as the Vendor.

Pratt & Whitney Canada Corp
1000, Marie-Victorin
Longueuil, Quebec, Canada
J4G 1A1
450-677-9411

b- For ordering when included in ESP

Oil sampling kits can be ordered by creating an ESP Work Authorization (WA) request by logging into the MyP&WC customer portal (<http://customer.pwc.ca>) and selecting ESP Program Work Authorizations on the Services menu. P&WC is also providing an automatic replenishing option following the initial order.

NOTE: Order placed after 11:00 AM EST will be shipped the following business day.

c- For ordering when included in FMP

Oil sampling kits can be ordered by providing a no charge purchase order to oil.technology@prattwhitney.com. Please contact your FMP Customer Manager or Field Service Manager regarding OilAT coverage in your plan.

d- Discontinuation of the Subscription Service

Regional operators were previously offered an annual T&M subscription service option. This is discontinued as of 2024, however large fleet operators that wish to continue with this service may inquire oil.technology@prattwhitney.com.

P&WC's Oil Analysis Technology Sample Shipment

Analysis of the oil sample will be performed by Gastops, located in Canada.

To ship the oil sample to Gastops, place the oil sample and the populated Form 12178 or 12233 in the padded envelope with the online generated air waybill and the populated commercial invoice. Then dispatch through the local FedEx contact.

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NOTE: Oil sample return shipping costs have been prepaid and appropriate documentation is included in the package. For more information about shipping, please refer to the shipping instructions included with the kit.

The destination address, is the following:

GASTOPS
P&WC's Oil Analysis Technology
146A Glencoe Dr., Mount Pearl, NL,
Canada, A1N 4S9

P&WC's Oil Analysis Technology Reports & Recommendations

Standard analysis turn-around time is 3 business days after sample reception at the laboratory.

Oil analysis reports and recommendations are available through the MyP&WC Power customer portal (<http://customer.pwc.ca>) under the "Fleet" menu, then select "Oil Analysis Technology".

Automated e-mail alerts are sent via MyP&WC Power customer portal the moment a new sample result is published. However, the alerts must be activated as per user preference by navigating under the "Fleet" menu, then selecting "Email Preferences" and toggling the "Oil Analysis Technology" alert settings accordingly.

P&WC's Oil Analysis Technology team does not provide any support or recommendations on other oil analysis monitoring programs other than the aforementioned service documented in this Service Information Letter.

PRATT & WHITNEY CANADA CORP



Matthew Neil
Senior Manager
Digital Engine Services

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APPENDIX A

Table 1 P&WC's Oil Analysis Technology Service applicability and part numbers

Engine model applicability	P/N for non-ESP		P/N for ESP only
	Service P/N	Kit P/N	Kit P/N
PT6A-6/11/20/20A/20B/25/25A/25C/25E/27/28/34/34B/35/36/38/41/42/42A	3134819	N003212	N003441
PT6A-45/45A/45B/45R/50/52/60A/61/62/64/65AR/65B/65R/65SC	3134819	N003212	N003441
PT6A-66/66A/66B/66D/67/67A/67AF/67B/67D/67F/67P/67R/67T/68/68B/68C/68T	3134819	N003212	N003441
PT6A-110/112/114/114A/116/121/135/135A/140/140A	3134819	N003212	N003441
PT6A-11AG/15AG/34AG/60AG/65AG/67AG/140AG	3134819	N003212	N003441
PT6C-67C/C1/E	3134829	N003107	N004111
PT6E-67XP/66XT	3134819	N003212	N003441
PT6T-3/3B/3BE/3BF/3BG	3136582	N004189	N004227
PT6T-3D/3DE/3DF	3136582	N004189	N004227
PT6T-6/6B	3136582	N004189	N004227
PT6T-9	3136582	N004189	N004227
PW206A/C/E	3134830	N003077	N004588
PW206B/B2/B3	3137042	N004693	N004707
PW207C/D/D1/D2/E/K	3134830	N003077	N004588
PW210A/A1/S	30L1492	N004170	N004219
PW306A	3134817	N003158	N003425
PW306C/PW306D/PW306D1	3134831	N003131	N003573
PW307A/PW307D	3134832	N003166	N003603
PW308A/PW308C	3135617	N003263	N003611
PW535A/PW535B	3135618	N003271	N003638
PW535E/PW535E1	3135619	N003298	N003646
PW530A	3136565	N004634	N004669
PW545A/B/C/D	3135620	N003301	N004103
PW615F-A/PW610F-A	3135621	N003328	N003654
PW617F-E/PW617F1-E	3134818	N003204	N003433
PW814GA/PW815GA/PW812D	33B6640	N003182	N003468
JT15D-5/5A/5B/5D/5F/5R	3136581	N004197	N004235
PW118/120/120A/121/121A	3136564	N004618	N/A
PW118A/118B/119B/119C/123/123A/123AF/123B/123C/123D/123E/124B/125B/126/126A	3136564	N004618	N/A
PW127/127B/127C/127D/127E/127F/127G/127H/127J/127M/127N/127XT-M/PW127XT-N/150A	3136564	N004618	N/A

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