

SAMPLING GUIDE:

Test	Method	Matrix
Acid Number	ASTM D664	Oil
API Gravity (Hydrometer)	ASTM D287	Fuel
Ash	ASTM D482	Fuel, Oil
Base Number	ASTM D4739	Oil
Chlorine, Total Organic Halides (TOX)	EPA 9076	Oil
Cloud Point	ASTM D2500	Fuel
Colour	ASTM D1500	Oil
Density at 15°C (Specific Gravity)	ASTM D4052	Fuel, Oil
Distillation	ASTM D86	Fuel
Ethylene Glycol	ASTM D2982	Oil
Ethylene Glycol (Refractometer)	ASTM D3321	Coolant
Fire Point (includes Flash Point)	ASTM D92	Petroleum
Flash Point (Cleveland open cup)	ASTM D92	Petroleum
Flash Point (Pensky Martens)	ASTM D93	Fuel, Oil
Flash Point (Seta closed cup)	ASTM D3828	Petroleum
Heat Content (Gross, Parr bomb)	ASTM D240	Fuel
Metals – 15 elements (ICP)	ASTM D5185	Oil
Metals – single element (ICP)	ASTM D5185	Oil
Oxidation Stability (RPVOT)	ASTM D2272	Oil
Particle Count	ASTM D7596	Oil
Particulate Contamination	ASTM D6217	Fuel
Polychlorinated Biphenyls (PCB), Total	ASTM D4059	Oil
Pentane Insolubles	ASTM D893	Oil
Pour Point	ASTM D97	Fuel
Sediment and Water (BS&W)	ASTM D2709	Fuel
Sediment and Water (BS&W)	ASTM D1796	Oil
Soot	ASTM D7844	Oil
Viscosity (40°C or 100°C)	ASTM D7042	Oil
Viscosity Index (inc. viscosity at 40°C & 100°C)	ASTM D2270	Oil
Water (Distillation)	ASTM D95	Oil
Water (Coulometric KF)	ASTM D6304	Fuel, Oil

Notes:

- Containers - 120 mL plastic (Oil, Coolant samples) and 1 L tins (Diesel samples) are supplied at no cost.
- Sampling pumps for lubricating oil are available for \$50 and 100' of disposable tubing is \$30.
- Contact Powertech for analyses not listed.
- Appropriate labels will be supplied with all containers.
- Fill containers 80-90% full. Tighten cap securely and ensure cleanliness.

TERMS AND CONDITIONS:

#	Item
1	Terms and conditions are subject to change without notice.
2	A completed CoC must be submitted with all samples – if assistance is required, please contact the lab prior to sample submission.
3	New Clients must provide valid credit card information before Powertech initiates testing. A credit application may be completed for subsequent submissions. If approved, payment terms are net 30 days.
4	Entire risk for loss or damage to samples remains with the Client at all times prior to sample acceptance. Powertech Labs assumes no responsibility or liability for any third-party carrier shipping or delivery of any sample to or from Powertech Labs.
5	The client must disclose known or suspected hazardous substances. Where disclosure is not made and Powertech Labs' business is impaired, the client is liable for incurred costs, including but not limited to cleanup and disposal. A surcharge may be applied for handling hazardous materials.
6	Once received, all samples become the property of Powertech and will not be returned unless requested by either party.
7	An electronic confirmation will be emailed – please review and indicate if changes are required within 24 hours of receipt.
8	Powertech has the right to refuse testing due to insufficient sample volume, perceived health risks, or compromised holding time.
9	Prices quoted are for standard turn-around-times (typically 5-7 days) unless otherwise specified. TATs are quoted in business days. Samples received past 3:00 pm, or on weekends or statutory holidays begins the next business day. Rush surcharges will be applied for shorter TATs. The actual surcharge is based on report delivery.
10	Prices quoted do not include applicable taxes and other fees.
11	A minimum charge of \$75 will be applied to all invoices.
12	Powertech is ISO 17025 accredited by the Standards Council of Canada (SCC) for specific tests listed on its Scope of Accreditation, which is listed on the SCC website.
13	In no event shall Powertech Labs be liable for any consequential, indirect, incidental, special, exemplary, or punitive damages incurred by the Client. The liability of Powertech Labs is limited to the cost of requested testing, and to the Client only.
14	Powertech Labs reserves the right to subcontract services to another laboratory if deemed necessary. Powertech Labs will not be held liable for the service provided by the subcontractor, including but not limited to sample shipment, testing turn-around-time or incurred additional costs.
15	In the event that Powertech Labs is required to respond to legal process related to Services provided to Client, Client agrees to reimburse Powertech Labs for expenses incurred in preparation for and defense of Powertech Labs' work.
16	Re-tests initiated by the client will be billed at full price if the result is confirmed, i.e. within the test method uncertainty.
17	Samples will be discarded 60 days after transmission of the final report unless agreed to otherwise. Powertech has the right to charge a fee for extended sample storage.
18	A charge may be applied to certain items that are not returned.

STANDARD TURN-AROUND-TIMES

TAT	Surcharge
5-7 days	0%
3-4 days	50%
2 days	75%
1 day	100%