

# APPLICATION DATA – PETROLEUM PRODUCTS

Computrac® Vapor Pro Fx®

## CRUDE OIL

MATERIAL	RESULT	COMPUTRAC	STATISTIC	KARL FISCHER
Crude Oil Report #8406	% Moisture	0.3671 0.0023	Mean Standard Deviation	0.3695 0.0008

## LUBRICATING OIL

MATERIAL	RESULT	COMPUTRAC	STATISTIC	KARL FISCHER
Lube Oil (Low Moisture) Report #6354	% Moisture	0.0133 0.0003	Mean Standard Deviation	0.0094 0.0004
Lube Oil (High Moisture) Report #6373	% Moisture	0.0393 0.0007	Mean Standard Deviation	0.0366 0.0017
Lube Oil (Heavy Fuel) Report #7710	% Moisture	0.0773 0.0051	Mean Standard Deviation	0.0902 0.0053
Lube Oil Report #6372	% Moisture	0.0727 0.0043	Mean Standard Deviation	0.4427 <sup>1</sup> 0.0022
Engine Oil Report #7686	% Moisture	0.0430 0.0018	Mean Standard Deviation	0.0412 0.0016
Fuel Oil Report #7707	% Moisture	0.1890 0.0032	Mean Standard Deviation	0.2107 <sup>2</sup> 0.0257
Recycled Oil Report #6225	% Moisture	0.9472 0.0389	Mean Standard Deviation	1.1185 <sup>2</sup> 0.0510
Gear Oil Report #8353	% Moisture	0.0615 0.0018	Mean Standard Deviation	0.3780 <sup>3</sup> 0.0056
Transformer Oil Report #8210	% Moisture	0.0006 0.0000	Mean Standard Deviation	0.0007 0.0001
Turbine Oil Report #9048	% Moisture	0.0032 0.0002	Mean Standard Deviation	0.0031 0.0003



**ARIZONA INSTRUMENT LLC**

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## FUELS

MATERIAL	RESULT	COMPUTRAC	STATISTIC	KARL FISCHER
<b>Jet A, Wet</b> Report #8966	% Moisture	0.0050 0.0003	<b>Mean</b> <b>Standard Deviation</b>	0.0051 0.0001
<b>Jet A, Dry</b> Report #8970	% Moisture	0.0025 0.0001	<b>Mean</b> <b>Standard Deviation</b>	0.0024 0.0001
<b>Diesel</b> Report #7363	% Moisture	.0042 0.0002	<b>Mean</b> <b>Standard Deviation</b>	0.0042 0.0003
<b>Fuel Oil</b> Report #7707	% Moisture	0.1890 0.0032	<b>Mean</b> <b>Standard Deviation</b>	0.2107 <sup>2</sup> 0.0257
<b>Unleaded Gasoline</b> Report #7362	% Moisture	0.0938 0.0024	<b>Mean</b> <b>Standard Deviation</b>	0.0939 0.0016
<b>Petroleum Hydrocarbon</b> Report #7976	% Moisture	0.6812 0.0109	<b>Mean</b> <b>Standard Deviation</b>	2.2446 <sup>2</sup> 0.3583
<b>Petroleum Distillate</b> Report #8750	% Moisture	0.0068 0.0003	<b>Mean</b> <b>Standard Deviation</b>	0.0069 0.0007

Footnotes:

- <sup>1</sup> – Karl Fischer results biased high due to mercaptan interferences  
<sup>2</sup> – Karl Fischer results biased high due to hydrogen sulfide or mercaptan interferences.  
<sup>3</sup> – Karl Fischer results biased high due to potassium borate interferences.



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