



**Opti-Lube** is constantly working to make sure the products we sell perform at its peak in all possible situations that a driver may run into on the road. Protecting your fuel system is our main goal.

Recently people have come to us with concerns about possible gasoline contamination in diesel fuel. The fear is gasoline removing lubricity from the diesel and causing a high pressure fuel pump failure. We decided to run a test on what 5% gasoline contamination would do to normal ULSD from a truck stop.

Our test starts with normal everyday ULSD that we pumped from a truck stop. That fuel had an HFRR test result of 440um. The government mandates a 520um maximum and your fuel system will last much longer on 400um or below.

The laboratory added 5% gasoline to the test sample and ran another HRFF test resulting in a 460um score. We were even surprised at the result. As with many others, I think we all expected worse.

From there, the fuel with gasoline was split and in one test we added **Opti-Lube XPD** at the normal 512:1 dose and scored an HFRR test of 380. The other fuel with gasoline had **Opti-Lube XL** added to it at a dosage ratio of 1024:1 and resulted in a HRFF score of 270.

We believe that either of these two additives would protect you from a small gasoline contamination situation that you might not be aware of. If you were to pump gasoline in your vehicle, we do not recommend that you drive the vehicle, but rather pump the tank and refill with 100% diesel.

**Information on the testing is below.**



**Superior Quality, Superior Service and ONLY Fuels!**

Certificate of Analysis

Laboratory Number: 102114033

**WITHIN LIMITS**

Opti-Lube/Low Range  
1195 S. 1680 W  
Orem, UT 84058 US  
801-491-3717  
Sample Taken From:  
Sample ID: ULSD purchased at Flying J  
PO: 1375  
WO:

Sample Collection Date: 10/16/2014  
Date Received: 10/21/2014  
Date Released:  
Component Make:  
Component Model:  
Tank Capacity:  
Quantity in Tank  
Test Package  
Type of Fuel: #2 Diesel  
Serial Number:

Test	Limits	Methods	Sample Result
Lubricity, HFRR @ 60°C	520 um maximum (micron)	ASTM D6079	440

Laboratory Number: 102114034

**WITHIN LIMITS**

Opti-Lube/Low Range  
1195 S. 1680 W  
Orem, UT 84058 US  
801-491-3717  
Sample Taken From:  
Sample ID: ULSD purchased at Flying J with 5% gasoline  
PO: 1375  
WO:

Sample Collection Date: 10/16/2014  
Date Received: 10/21/2014  
Date Released:  
Component Make:  
Component Model:  
Tank Capacity:  
Quantity in Tank  
Test Package  
Type of Fuel: #2 Diesel  
Serial Number:

Test	Limits	Methods	Sample Result
Lubricity, HFRR @ 60°C	520 um maximum (micron)	ASTM D6079	460

These results are submitted pursuant to our terms, conditions and limitations and laboratory pricing policy.

No responsibility is assumed for the manner in which these results are used or interpreted.

**901 W. Evergreen Blvd Suite 100 Vancouver, WA 98660 Phone: 360-546-3835**



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Certificate of Analysis

Laboratory Number: 102114035

**WITHIN LIMITS**

Opti-Lube/Low Range  
1195 S. 1680 W  
Orem, UT 84058 US  
801-491-3717  
Sample Taken From:  
Sample ID: ULSD purchased at Flying J with 5% gasoline  
and Opti-Lube XPD at 521:1  
PO: 1375  
WO:

Sample Collection Date: 10/16/2014  
Date Received: 10/21/2014  
Date Released:  
Component Make:  
Component Model:  
Tank Capacity:  
Quantity in Tank  
  
Test Package  
Type of Fuel: #2 Diesel  
Serial Number:

Test	Limits	Methods	Sample Result
Lubricity, HFRR @ 60°C	520 um maximum (micron)	ASTM D6079	380

Laboratory Number: 102114036

**WITHIN LIMITS**

Opti-Lube/Low Range  
1195 S. 1680 W  
Orem, UT 84058 US  
801-491-3717  
Sample Taken From:  
Sample ID: ULSD purchased at Flying J with 5% gasoline  
and Opti-Lube XL at 1024:1  
PO: 1375  
WO:

Sample Collection Date: 10/16/2014  
Date Received: 10/21/2014  
Date Released:  
Component Make:  
Component Model:  
Tank Capacity:  
Quantity in Tank  
  
Test Package  
Type of Fuel: #2 Diesel  
Serial Number:

Test	Limits	Methods	Sample Result
Lubricity, HFRR @ 60°C	520 um maximum (micron)	ASTM D6079	270

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