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Diesel Cetane Check Fuel - Low

**ASTM SUBCOMMITTEE D02.01
DIESEL NATIONAL EXCHANGE GROUP
CALIBRATION OF LOT 8EPCFL01 CETANE NO. 43.37**

	<u>Number</u>	<u>Average</u>	<u>Standard Deviation</u>	<u>Method</u>
Cetane Number	21	43.37	1.27	ASTM D-613
<u>Inspection Tests</u>				
API gravity	20	35.05	0.07	ASTM D-287 & 4052
Viscosity, 40°C, cSt	18	2.39	0.057	ASTM D-445
Flash Point, PMCC, °F	19	154.2	3.1	ASTM D-93
Aniline Point, °C	8	58.82	0.640	ASTM D-611
Sulfur, wt%	16	0.0022	0.00020	ASTM D-2622 & 4294 & 5453
<u>Hydrocarbon type, %</u>				
Saturates	14	68.75	1.39	<u>ASTM D-1319</u>
Olefins	14	2.29	1.27	
Aromatics	13	28.99	1.62	
<u>Distillation, °F, % recovered</u>				
IBP	18	352.8	7.1	<u>ASTM D-86</u>
10%	18	414.0	3.0	
50%	18	488.8	1.8	
90%	18	583.9	4.2	
End	18	647.1	9.2	
Recovery	18	97.86	0.54	
Residue	15	1.11	0.14	
Loss	18	0.93	0.44	

NOTES:

1. Calibration completed as the July, 2008 sample in the Diesel NEG program.
2. Lot 8EPCFL01 Low Cetane Check Fuel supplied to Diesel NEG members.

The Diesel National Exchange Group has performed calibration of these fuels with participation by 16 laboratories. The Cetane Method (D-613) ratings of each of the two fuels and the incremental blends, as supplied by Chevron Phillips, were performed using Primary Reference Fuels normal Cetane and Heptamethylnonane.

Product Number: 1024262

Revised: 08/04/11

Notice: Before using this product, the user is advised and cautioned to make its own determination and assessment of the safety and suitability of the product for the specific use in question and is further advised against relying on the information contained herein as it may relate to any specific use or application. It is the ultimate responsibility of the user to ensure that the product is suited and the information is applicable to the user's specific application. Chevron Phillips Chemical Company LP does not make, and expressly disclaims, all warranties, including warranties of merchantability or fitness for a particular purpose, regardless of whether oral or written, express or implied, or allegedly arising from any usage of any trade or from any course of dealing in connection with the use of the information contained herein or the product itself. The user expressly assumes all risk and liability, whether based in contract, or otherwise, in connection with the use of the information contained herein or the product itself. Further, information contained herein is given without reference to any intellectual property issues, as well as federal, state or local laws which may be encountered in the use thereof. Such questions should be investigated by the user.