



Chevron Phillips Chemical Company Issued Sales Specification



Name of Product

TrusTec® DIESEL CETANE CHECK FUEL - HIGH

Revision Date

1/24/2024

Chevron Phillips Chemical Company LP
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ASTM SUBCOMMITTEE D02.01 DIESEL NATIONAL EXCHANGE GROUP CALIBRATION OF LOT 231PCFH01 CETANE NO. 52.51				
	Number	Average	Standard Deviation	Method
Cetane Number	16	52.51	0.98	ASTM D-613
Derived Cetane Number (DCN)	5	50.18	0.78	ASTM D-6890
Inspection Tests				
API Gravity	11	38.79	0.01	ASTM D-4052
Viscosity, 40 °C, cSt	11	2.61	0.005	ASTM D-445
Flash Point, PMCC, °F	10	177.4	1.7	ASTM D-93
Aniline Point, °C	5	69.91	0.274	ASTM D-611
Sulfur, ppm	11	3.1	0.61	ASTM D-2622, 7039, 5453
Hydrocarbon type, %				
Saturates	5	77.38	2.34	ASTM D-1319
Olefins	5	2.54	0.808	
Aromatics	5	20.08	1.918	
Distillation, °F, % recovered				
IBP	13	385.9	5.25	ASTM D-86
10%	13	437.7	1.71	
50%	13	497.4	1.34	
90%	13	588.1	2.29	
End	13	644.7	4.25	
Recovery	13	98.18	0.36	
Residue	13	1.35	0.22	
Loss	13	0.48	0.28	
Test	*Result		Method	
Peroxides, mg/kg	None Detected		D-3703	

Notes:

1. Calibrations completed as the November 2023 sample in the National Exchange Group (NEG) Diesel Fuel Monthly Report (D-1200)
2. Lot 231PCFH01 High Cetane Check Fuel supplied to Diesel NEG members
3. Derived Cetane Number (DCN) based on NEG results using the method D6890

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