



Chevron Phillips Chemical Company Issued Sales Specification

Name of Product

DIESEL CETANE CHECK FUEL - LOW

Revision Date

9/28/2017

Chevron Phillips Chemical Company LP
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ASTM SUBCOMMITTEE D02.01 DIESEL NATIONAL EXCHANGE GROUP CALIBRATION OF LOT 17CPCFL01 CETANE NO. 40.74				
	Number	Average	Standard Deviation	Method
Cetane Number	37	40.74	1.15	ASTM D-613
Derived Cetane Number (DCN)	10	39.72	0.4	ASTM D-6890
Inspection Tests				
API gravity	23	37.59	0.05	ASTM D-4052
Viscosity, 40°C, cSt	21	2.32	0.0093	ASTM D-445
Flash Point, PMCC, °F	23	157.0	2.8	ASTM D-93
Aniline Point, °C	10	60.75	0.559	ASTM D-611
Sulfur, ppm	21	8.65	0.46	ASTM D-2622 & 7039 & 5453
Hydrocarbon type, %				ASTM D-1319
Saturates	14	70.62	1.87	
Olefins	14	1.9	0.84	
Aromatics	13	27.92	1.07	
Distillation, °F, % recovered				ASTM D-86
IBP	21	357.9	3.6	
10%	23	397.1	3.0	
50%	23	475.6	1.6	
90%	23	579.5	2.5	
End	22	637.2	3.2	
Recovery	23	98.03	0.58	
Residue	22	1.3	0.22	
Loss	22	0.60	0.39	
Test	*Result		Method	
Peroxides, mg/kg	None Detected		D-3703	

Notes:

1. Calibration completed as the June 2017 sample in the National Exchange Group (NEG) Diesel Fuel Monthly Report (D-1123)
2. Lot 17CPCFL01 Low 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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