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Diesel 0.05 LS Certification Fuel (Type II)

Property	Typical Value	Specification	Test Method
API Gravity at 60 °F	36.2	32 – 37	ASTM D 1250
Total Sulfur, wt %	0.035	0.03 – 0.05	ASTM D 4294
Flash Point, °F	155	145 min	ASTM D 93
Elemental Analysis, wt %			
Carbon	86.5		
Hydrogen	13.5		
Heat of Combustion, Net, Btu/lb	18450		ASTM D 3338
Cetane Number	47.5	40 – 48	ASTM D 613
Cetane Index	46.5	40 – 48	Calculated
Distillation Range at 760 mmHg, °F			ASTM D 86
Initial Boiling Point	375	340 – 400	
10%	441	400 – 460	
50%	500	470 – 540	
90%	575	560 – 630	
Endpoint	620	610 – 690	
Hydrocarbon Type, vol %			ASTM D 1319
Aromatics	28 – 31	27 min	
Olefins	1 – 3		
Saturates	66 –70		

30.0 ptb of DuPont FOA #11 antioxidant enhances the stability of this fuel.

Diesel Fuel as described in Chapter One - Environmental Protection Agency, Subsection 86.113-78, of the Code of Federal Regulations.

Product Number: 1024297

Revised: 07/01/04

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.