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Diesel Secondary Reference Fuel U-19

Property	Round Robin Results ⁽¹⁾	Test Method
Specific Gravity at 60/60 °F	0.7837	Calculated
API Gravity	49.1	ASTM D 287, 1298 or 4052
Flash Point, °F	94	ASTM D 93
Sulfur, ppm	2	ASTM D 2622, 4294, 5453, 7039 or CGSB equivalents.
Viscosity at 40 °C, cSt	1.145	ASTM D 445
Aniline Point, °C	64.10	ASTM D 611
Distillation Range at 760 mmHg, °F		ASTM D 86
Initial Boiling Point	306	
10%	328	
50%	349	
90%	428	
End Point	533	
Cetane Number	19.4	ASTM D 613
Hydrocarbon Type, vol %		ASTM D 1319
Aromatics	20.9	
Olefins	2.6	
Saturates	76.5	

⁽¹⁾ This product is manufactured and packaged by Chevron Phillips Chemical Company, LP. The data presented herein is from the ASTM Subcommittee D02.01 Section E on Reference Materials and is based on round-robin certification tests performed by the Diesel National Exchange Group.

Product Number: 1024281

Revised: 08/22/12

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.