



Chevron Phillips Chemical Company Issued Sales Specification

Name of Product
DIESEL 2004 TIER 2 FUEL

Revision Date
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Test	Units	Method	Typical	Minimum	Maximum	Qualitative	Note
Specific Gravity 60/60	---	ASTM D-4052	---	---	---	---	REPORT
API Gravity	---	ASTM D-4052	---	---	---	---	REPORT
Corrosion (3 hrs @ 50C)	---	ASTM D-130	---	---	---	---	3A Max
Particulate Matter	mg/l	ASTM D-6217	---	---	15.0	---	---
Cloud Point	FAH	ASTM D-2500	---	---	0	---	---
Flash Point, PM	FAH	ASTM D-93	---	130	---	---	---
Pour Point	FAH	ASTM D-97	---	---	---	---	REPORT
Sulfur	ppm	ASTM D-5453	---	7.0	15.0	---	---
Viscosity @ 40C	cSt	ASTM D-445	---	2.2	3.2	---	---
Nitrogen	ppm	ASTM D-4629	---	---	10.0	---	---
Hydrogen	WT%	ASTM D-3343	---	---	---	---	REPORT
Carbon	WT%	Calculated	---	---	---	---	REPORT
Polynuclear Aromatics	WT%	ASTM D-5186	---	---	1.4	---	---
SFC Aromatics	WT%	ASTM D-5186	---	8.0	10.0	---	---
Net Heat of Combustion	BTU/LB	ASTM D-3338	---	---	---	---	REPORT
Cetane Number	---	ASTM D-613	---	49	55	---	---
Cetane Index	---	ASTM D-976	---	---	---	---	REPORT
Distillation - IBP	FAH	ASTM D-86	---	340	420	---	---
Distillation - 5%	FAH	ASTM D-86	---	---	---	---	REPORT
Distillation - 10%	FAH	ASTM D-86	---	400	490	---	---
Distillation - 20%	FAH	ASTM D-86	---	---	---	---	REPORT
Distillation - 30%	FAH	ASTM D-86	---	---	---	---	REPORT
Distillation - 40%	FAH	ASTM D-86	---	---	---	---	REPORT
Distillation - 50%	FAH	ASTM D-86	---	470	560	---	---
Distillation - 60%	FAH	ASTM D-86	---	---	---	---	REPORT
Distillation - 70%	FAH	ASTM D-86	---	---	---	---	REPORT
Distillation - 80%	FAH	ASTM D-86	---	---	---	---	REPORT
Distillation - 90%	FAH	ASTM D-86	---	550	610	---	---
Distillation - 95%	FAH	ASTM D-86	---	---	---	---	REPORT
Distillation - EP	FAH	ASTM D-86	---	580	660	---	---
Distillation - Loss	ML	ASTM D-86	---	---	---	---	REPORT
Distillation - Residue	ML	ASTM D-86	---	---	---	---	REPORT
Aromatics	LV%	ASTM D-1319	---	---	10.0	---	---
Olefins	LV%	ASTM D-1319	---	---	---	---	REPORT
Saturates	LV%	ASTM D-1319	---	---	---	---	REPORT

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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, tort 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. Additional information on the health and safety aspects of our product is listed in the SDS of the product.