



Chevron Phillips Chemical Company Issued Sales Specification

Name of Product
SCENTINEL*F-20

Revision Date
2/12/2011

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Test	Units	Method	Typical	Minimum	Maximum	Qualitative	Note
APHA Color	---	ASTM D-5386	5	---	30	---	---
Appearance	---	Visual	Clear with no particulate matter	---	---	Clear with no particulate matter	---
Cloud Point	FAH	ASTM D-2386 mod	< -50	---	-50	---	---
Dimethyl Sulfide	WT%	Chromatography	20	18.0	22.0	---	---
Distillation - DP	FAH	ASTM D-86	147	---	200	---	---
Distillation - IBP	FAH	ASTM D-86	125	120	---	---	---
Freezing Point	FAH	ASTM D-2386	< -50	---	-50	---	---
Specific Gravity 60/60	---	ASTM D-4052	0.8160	0.8000	0.8300	---	---
t-Butyl Mercaptan	WT%	Chromatography	78	78.0	82.0	---	---
Other	Units	Method	Typical	Minimum	Maximum	Qualitative	Note
Calculated Sulfur	WT%	Chromatography	39	---	---	---	---
Density @ 60 F	LB/GAL	ASTM D-4052	6.79	---	---	---	---
Distillation - 50%	FAH	ASTM D-86	136	---	---	---	---
Distillation - 90%	FAH	ASTM D-86	145	---	---	---	---
Flash Point, PM	FAH	ASTM D-93	< 0	---	---	---	---
Half Doctor Test	---	ASTM D-235	Pass	---	---	---	---
Reid Vapor Pressure at 100F	PSI	Calculated	8.2	---	---	---	---

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