



Chevron Phillips Chemical Company Issued Sales Specification

Name of Product
DIESEL NO SULFUR (<3ppm) FUEL

Revision Date
9/15/2008

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| Test | Units | Method | Typical | Minimum | Maximum | Qualitative | Note |
|------------------------|--------|-------------|---------|---------|---------|-------------|--------|
| Specific Gravity 60/60 | --- | ASTM D-4052 | --- | 0.8200 | 0.8500 | --- | --- |
| API Gravity | --- | ASTM D-4052 | --- | 35.0 | 41.0 | --- | --- |
| Particulate Matter | mg/l | ASTM D-6217 | --- | --- | 15.0 | --- | --- |
| Cloud Point | FAH | ASTM D-2500 | --- | --- | --- | --- | REPORT |
| Flash Point, PM | FAH | ASTM D-93 | --- | 125 | --- | --- | --- |
| Pour Point | FAH | ASTM D-97 | --- | --- | --- | --- | REPORT |
| Sulfur | ppm | ASTM D-5453 | --- | --- | 3.0 | --- | --- |
| Viscosity @ 40C | cSt | ASTM D-445 | --- | 2.0 | --- | --- | --- |
| Hydrogen | WT% | ASTM D-3343 | --- | --- | --- | --- | REPORT |
| Carbon | WT% | Calculated | --- | --- | --- | --- | REPORT |
| Polynuclear Aromatics | WT% | ASTM D-5186 | --- | 3.0 | 10.0 | --- | --- |
| SFC Aromatics | WT% | ASTM D-5186 | --- | --- | --- | --- | REPORT |
| Net Heat of Combustion | BTU/LB | ASTM D-3338 | --- | --- | --- | --- | REPORT |
| Cetane Number | --- | ASTM D-613 | --- | 42 | 48 | --- | --- |
| Cetane Index | --- | ASTM D-976 | --- | --- | --- | --- | REPORT |
| Distillation - IBP | FAH | ASTM D-86 | --- | 340 | 360 | --- | --- |
| Distillation - 5% | FAH | ASTM D-86 | --- | --- | --- | --- | REPORT |
| Distillation - 10% | FAH | ASTM D-86 | --- | 400 | 450 | --- | --- |
| 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 | --- | 480 | 530 | --- | --- |
| 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 | --- | 570 | 620 | --- | --- |
| Distillation - 95% | FAH | ASTM D-86 | --- | --- | --- | --- | REPORT |
| Distillation - EP | FAH | ASTM D-86 | --- | 620 | 680 | --- | --- |
| Distillation - Loss | ML | ASTM D-86 | --- | --- | --- | --- | REPORT |
| Distillation - Residue | ML | ASTM D-86 | --- | --- | --- | --- | REPORT |
| Aromatics | LV% | ASTM D-1319 | --- | 25.0 | 32.0 | --- | --- |
| Olefins | LV% | ASTM D-1319 | --- | --- | --- | --- | REPORT |
| Saturates | LV% | ASTM D-1319 | --- | --- | --- | --- | REPORT |

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