

Escaid™ PathFrac™ HV

Hydrocarbon Fluid

Product Description

Low odor dearomatized hydrocarbon fluid suitable for fracking applications:

As carrier for guar in viscosity modifiers

As carrier for polyacrylamides in friction reducers

As retarding agent in acidizing systems

| Properties | Minimum | Maximum | Unit | Test Method |
|--------------------------------|-------------|---------|------|-------------------------|
| Appearance | Pass | -- | | Visual |
| Aromatic Content | -- | < 0.50 | wt% | AMS 140.31 |
| Color, Saybolt | 30 | -- | | ASTM D156 ASTM D6045 |
| Flash Point | 101 | -- | °C | ASTM D93 |
| Pour Point | Report Only | -- | °C | ASTM D5950 ASTM D97 |
| Specific Gravity (15.6/15.6°C) | 0.780 | 0.830 | | ASTM D4052 |
| Viscosity (40°C) | Report Only | -- | cSt | ASTM D445 |

| Distillation | Minimum | Maximum | Unit | Test Method |
|-----------------------------|---------|---------|------|-------------|
| Distillation Range | | | | ASTM D86 |
| Initial Boiling Point (IBP) | 230 | -- | °C | |
| Dry Point (DP) | -- | 277 | °C | |

Notes

As manufactured, Escaid™ PathFrac™ HV has non-detectable (ND)* levels of each of the BTEX species, as analyzed by GC/MS**.

* Practical quantitation limits: Benzene = 0.2 mg/kg, Toluene = 0.3 mg/kg, Ethylbenzene = 0.1 mg/kg, o-Xylene = 0.1 mg/kg, m-xylene plus p-xylene = 0.1 mg/kg.

**Baytown Refinery Laboratory, Analysis AROM_MS_L

ExxonMobil's sampling and testing procedures in effect at the time of production will be used for certification testing. Results may be based on tank certification, manufacturing data, periodic testing and/or most recent product restock. ExxonMobil reserves the right to use other equivalent test methods in certifying this product.

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