

Heavy Aromatic Distillate (HAD)

General Specifications

Characteristics	Specification	Method
Appearance	Clear and Bright	---
Color, Saybolt	25 min	ASTM D-156
Density, pounds/gallon	7.60 - 7.85	Calculated
Gravity, API @ 60°F	23.5 max	ASTM D-287
Naphthalene, wt%	1.0 max	GC
Pour Point, °F	less than -70	ASTM D-97 ¹
Sulfur, ppm	15 max	ASTM D-4045 ²
Viscosity, SUS @ 100°F	less than 32	ASTM D-88 ¹

Solvency Specifications

Characteristics	Specification	Method
Kauri-Butanol Value	75 min	ASTM D-1133

Volatility Specifications

Characteristic	Specification	Method
FlashPoint, °F (CCFP)	105 min (110 target)	ASTM D-6450
Distillation, °F		
IBP	287 - 314	--- ¹
5%	323 - 345	---
10%	326 - 348	---
30%	330 - 354	---
50%	341 - 357	---
70%	344 - 360	---
90%	363 - 374	---
95%	382 - 416	---
EP	461 - 516	---

Note 1 - Typical values only. No manufacturing specification exists for Viscosity, Pour point, or distillation range.

Note 2 - Specification for sulfur is less than 15 ppm. Typical sulfur content is less than 1 ppm.