



U. S. Oil & Refining Co.

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ARCTIC AC - 5

Tests

Specifications

	Min.	Max.
Viscosity @ 60° C (140° F), Pa s (Poise).....	40 (400).....	60 (600)
Viscosity, @ 135° C (275° F), mm ² / s (Kinematic).....	Report ¹	
Penetration @ 25° C (77° F), dmm.....	180	
Flash Point, COC.....	177° C (350° F)	
Solubility in Trichloroethylene, %.....	99.0	
PVN Calculated.....	-0.2	

Tests on RTFO Aged Residue

Viscosity @ 60° C (140° F), Pa s (Poise).....	250 (2500)
Ductility ¹ @ 25° C (77° F), cm.....	100
Penetration @25 ° C (77 ° F),dmm.....	100
Percent of original penetration @25 ° C (77 ° F).....	50

Note 1: The PVN is defined by the relationship between penetration (25 ° C). The minimum kinematic viscosity required for an asphalt cement shall be that value which for the actual penetration of the same asphalt cement, corresponds to a PVN equal to -0.2.