



# U. S. Oil & Refining Co.

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## **ARCTIC AC - 5**

### Tests

### Specifications

	<b>Min.</b>	<b>Max.</b>
Viscosity @ 60° C (140° F), Pa·s (Poise) .....	40 (400)	60 (600)
Viscosity, @ 135° C (275° F), mm <sup>2</sup> / s (Kinematic).....	Report <sup>1</sup>	
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 <sup>1</sup> @ 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.