

PRODUCT SPECIFICATIONS:

HAGO (Heavy Atmospheric Gas Oil)

<u>PROPERTY</u>	<u>ASTM TEST METHOD</u>	<u>SPECIFIED LIMIT (1)</u>
Flash Point °F	D93	150 Minimum
Pour Point, °F	D97	+50 Maximum
Gravity, API @60°F	D287	27° - 30°
Distillation, °F	D86	
IBP		400°F Minimum
5%		530 - 550
50% Recovered		720 - 740
End Point		850°F Maximum
Aniline Point, °F	D611	185 - 195 Maximum
Sulfur, wt. %	D2622	0.85 Maximum
Metals (Cu + V + N) wppm	D2788	1 Maximum
Iron wppm	D2788	1 Maximum
Sodium wppm	D2788	1 Maximum
Asphaltenes (Pentane or heptane insoluble wt %)		0.05 Maximum
Heating Value		
BTU Per Gallon (Gross)	D240	144,000 Minimum
Ash, wt %	D482	0.01 Maximum
Carbon Residue on 10% Bottoms, wt%	D524	0.25 Maximum
Cetane Index	D976	45 Minimum
Water and Sediment, vol%	D1796	0.05 Maximum

Note: (1) Based on ASTM D936 and D975.

Revised: February 14, 1996