



Heavy End

In refinery parlance, heavy ends are the heavier fractions of refined oil fuel oils, tubes, paraffin, and asphalt-remaining after the lighter fractions have been distilled off, and it refers to a range of volatile and flammable liquids produced by the distillation of petroleum. The liquids, which differ slightly in their chemical structures and boiling points, have various applications in the refining process – the main one as a feedstock for gasoline and the manufacture of olefins by the petrochemical industry.

TYPICAL SPECIFICATION			
CHARACTERISTICS	UNIT	SPECIFICATION	TEST METHOD
Density @ 15 °C	kg/Lit	Max 810	ASTM D-1298/12
Kinematic Viscosity@ 40 °C	MM ² /S	Max 2	ASTM D-445
Distillation I.B.P	°C	160-180	ASTM D-86
Distillation I.B.P@ 10%	°C	175-193	ASTM D-86
Distillation I.B.P@ 30%	°C	187-209	ASTM D-86
Distillation I.B.P@ 50%	°C	260-230	ASTM D-86
Distillation I.B.P@ 90%	°C	286-330	ASTM D-86
Distillation F.B.P	°C	333-370	ASTM D-86
Total Recovery	% vol	96	ASTM D-86
Total Sulfur	%	0.5 Max	ASTM D-5453
Color	ppm	2 Max	ASTM D-1500
Flash Point	...	59 Min.	ASTM D-93
Specific Gravity	Ventigrade	0.77-0.83	ASTM D-4052