CASTLE OIL CORPORATION
440 Mamaroneck Avenue
Harrison, NY 10528

Product Specifications — B5 BioHeat – No. 2 Heating Oil

SPECIFICATION	METHOD	MIN	MAX	TYPICAL
Gravity, API	D287	30		32
Flash Point, °F	D93	130		150
Viscosity, CST @ 100° F	D445	2.0	3.6	3.5
Distillation 90% Vol. recovered, °F	D86	540	640	615
Sulfur, % mass	D4294		0.20	0.18
Dye – IRS, LB/1000 BBL	DT100	3.9		
Pour Point, °F [1]	D97			-5
Cloud Point, °F [1]	D2500		15	+14
Cetane Index	D976	Report (no minimum)		40
BS&W, % vol.	D1796		0.05	Nil
Ramsbottom Carbon Residue, on 10% dist. Residue, % mass	D524		0.35	0.18
Copper Strip Corrosion rating (3 Hrs at 122 °F)	D130		No. 3	1A
B100, vol. %	EN 14078		5	5

[1] Sept.1 thru Mar.31 — Pour Point 0° F MAX; Cloud Point 15° F MAX
Apr.1 thru Aug.31 — Pour Point 10° F MAX; Cloud Point 20° F MAX