

Characteristics Vital Diesel – Biodiesel – Diesel

Parameter	Unit	Vital Diesel	Biodiesel	Diesel
Ester Content	%(w/w)	≥20	>96,5	-
Total Glycerol	%(w/w)	≥4	<0.25	-
Density at 15°C	kg/m ³	890 – 920	860-900	820-860
Viscosity at 40°C	mm ² /s	≤ 22,0	3.5 - 5.0	2.0 - 4.5
Net Caloric Value	KJ/kg	37	37	42
NOx- emissions	-	Low	Medium	Low
Particulate matter emissions	-	Medium	Medium	High
CO- emissions	-	Low	Low	Low
Unburned HC emissions	-	Low	Low	Low
Phosphorus emissions	-	Low	Low	High
Sulfate emissions	-	Low	Medium	High