



ARI Energy Co, LLC

Recycled Fuel Oil

TEST	UNIT	METHOD	RESULT
API Gravity	°API @ 60°F	ISO 12185	21.9
Density @ 15 degC	kg/m ³	ISO 12185	921.9000
Viscosity @ 50 degC	mm ² /s	ISO 3104	14.2
Flash point	degC	ISO 2719	85.0
	degF		185
Pour point	degC	ISO 3016	18
	degF		64
Micro Carbon Residue	mass%	ISO 10370	0.42
Ash Content	mass%	ISO 6245	0.088
Water content	vol%	ISO 3733	0.10
Sulphur Content	mass%	ISO 8754	0.054
Total Sediment	mass%	ISO 10307-2	0.20
Aluminium (Al)	mg/kg	ISO 10478	4
Silicon (Si)	mg/kg	ISO 10478	6
Aluminium (Al) + Silicon (Si)	mg/kg	ISO 10478	10
Sodium (Na)	mg/kg	IP 501	20
Vanadium (V)	mg/kg	ISO 14597	1
Nickel (Ni)	mg/kg	IP 501	1
Iron (Fe)	mg/kg	IP 501	15
Calcium (Ca)	mg/kg	IP 501	6
Zinc (Zn)	mg/kg	IP 501	1
Phosphorous (P)	mg/kg	IP 501	1
Magnesium (Mg)	mg/kg	IP 501	1
Lead (Pb)	mg/kg	IP 501	1
Net Calorific Value	MJ/kg	Calculated	42.048
CCAI		Calculated	831
Acid Number	mgKOH/g	D 664	1.47
Hydrogen Sulfide	ppm	IP 399	<2