

Product Data Sheet

SPECIAL FUEL OIL

DESCRIPTION

SPECIAL FUEL OILS are blended fuels of diesel and fuel oils intended for use in domestic marine vessels. These fuel products are classified into Special Fuel Oil (SFO) Grades based on viscosity ranges. SFO can also be used as Intermediate Fuel Oil as long as it meets the requirements of the particular IFO Grade specified by the customer.

APPLICATION

- Domestic marine vessels

GRADES

- SFO 45, 60, 100, 200, 400, 600, 1100, 1500

AVAILABLE PACKAGE

- Bulk

TYPICAL CHARACTERISTICS

	SFO 45	SFO 60	SFO 100	SFO 200
Viscosity SSU at 100 °F	41.5	57.7	95.0	182.2
API Gravity at 60 °F	35.7	29.9	26.9	22.9
Flash Point, °C	74	67	71	71
Sediment and Water, % Vol.	0.05	0.05	0.05	0.05
Sulfur, % wt.	0.92	1.16	1.55	1.83
Ash, % wt.	0.01	0.02	0.03	0.03
Carbon	85.2	85.2	85.0	84.9
Calorific Value, Btu/lb	19,460	19,354	19,027	18,986
Kcal/kg	10,812	10,752	10,570	10,548
	SFO 400	SFO 600	SFO 1100	SFO 1500
Viscosity SSU at 100 °F	367	570	1022	1425
API Gravity at 60 °F	20.2	20.2	17.7	17.6
Flash Point, °C	72	72	74	74
Sediment and Water, % Vol.	0.05	0.05	0.05	0.05
Sulfur, % wt.	2.08	2.36	2.54	2.79
Ash, % wt.	0.04	0.04	0.05	0.05
Carbon	84.8	84.8	84.8	84.7
Calorific Value, Btu/lb	18,842	18,770	18,671	18,632
Kcal/kg	10,469	10,428	10,373	10,350
	PFO	PDF		
Viscosity SSU at 100 °F	2300	37.0		
API Gravity at 60 °F	16.5	38.1		
Flash Point, °C	80	66		
Sediment and Water, % Vol.	0.10	Trace		
Sulfur, % wt.	2.85	0.20		
Ash, % wt.	0.05	0.001		
Carbon	84.7	85.5		
Calorific Value, Btu/lb	18,566	19,880		
Kcal/kg	10,314	11,044		