



**PITCH FUEL FOR POWER PLANT USE. ( PF 2 )**

Pitch fuel oil is made from tall oil pitch and other monomer tall oil distillates. The low content of sulphur makes it an excellent product for biofuel use either for communal or industrial boilers..

Pitch fuel oil is environmentally sound and readily applicable liquid fuel as alternative to fossil fuel.

**SPECIFICATION.**

<b>ANALYSIS</b>	<b>VALUE</b>	<b>METHOD</b>
Acid value	max. 100	SCAN T 11:72
Ash. %	max. 0,5	SCAN – T 4:66
Moisture %	max. 0,5	ASTM D 890 – 98
Sulphur, %	max 0,4	ASTM D 4239 -00
Viscosity at 50°C, mPas	max, 600	ASTM D 2196-99.

**TYPICAL ANALYSIS OF PITCH FUEL OIL**

<b>Analysis</b>	<b>Value</b>	<b>Method</b>
Acid value	60	SCAN – T 11:72
Ash. %	0,3	SCAN – T 4:66
Density at 50°C, kg/m3	950	SCAN – T 2:66
Delivery temperature, °C	below 100	
Flash point, closed cup, °C	150	ASTM D 93-00
Heat value, MK/kg (effective)	38	ASTM D 4809-95
Moisture, %	0,1	ASTM D 890-98
Nitrogen, %	less than 0.1	vario MAX CHN elemental analyzer
Sulphur, %	0,3	ASTM D 4239-00
Pour point °C	15	ASTM D 2500-99
Viscosity at 50 °C, mPass	470	ASTM D 2196-99

PITCH FUEL OIL is typically delivered at 70 to 95°C and the recommended minimum storage temperature is 60°C.

Delivery form is either bulk liquid road tanker, rail tank wagon, Iso container or tanker ships.

max 5.000/ton per month by tanker ship.