

## FUEL OIL (M 380)

**F.O :NO:0404**

TEST	UNIT	RESULTES	TEST METHOD
Density and relative density of crude oil and average API gravity	API	29.7(29.7)MIN	ASTM D5002
Density @ 15 Deg C	KG/T	0.87(0.775)	ASTM D1298-99
Pour point of petroleum		<-33(-36)BELOW ZERO	ASTM D97
Pour point	°C	<-27-4(-32.8)BELOW	
Pour point	°F	ZERO	
Pensky-martens closed cup flash point corrected slash point	° F	117(137)MIN	ASTM D93-IP34
Sulfur content in petroleum product by EDXRF			ASTM D4229
Sulfer content	W1%	0.38(0.358)MAX	
Kinematic/dynamic viscosity			ASTM D445
Kinematic viscosity @ 122°F/SO°C	WM2%	17.83(18.12)MAX	
Water content by coulometric Karl fisher titration			ASTM D6304
Water content	W1%	0.20(0-7)MAX	
Ash from petroleum product			ASTM D482
Average ASH	W1%	0.279(1.007)MAX	
Conversion of kinematic viscosity To SUS/SFS I Saybolt furoi			ASTM D2161
Viscosity 122°F	MAX	10.9SFS	
Aluminum and silicon in Fuel oils by KP-AES or AAS			ASTM D5184
Aluminum content	Mg/Kg	102(MAX)	
Silicon content	Mg/Kg	93(MAX)	
Water by distillation VOL%	VOL%	0.70(MAX)	ASTM D95
Carbon Residue	W1%	1.11(MAX)	ASTM D4530.06
<b>Method test result unit</b>			
<b>LP 143 Asphiteness heptane insolubles</b>			
Asphaltene content	W1%	0.08	
<b>Lp 501 determination of AL,Si,V,Ni,Fe,Na,Ca,Zn,P in Fuel oil-Lcpes</b>			
Aluminum	Mg/Kg	372	
Silicon	Mg/Kg	187	
Sodium	Mg/Kg	117	