

FUEL OIL 380 SPECIFICATIONS

Analysis	Units	Methods Analysis	Specification
Specific Gravity at 15° C	(Kg/m ³)	NP EN ISO 3675, ISO 12185, ASTM D 1298, ASTM D 4052	991 Max
Flash Point	(°C)	NP EN ISO 2719, ASTM D 93, IP 34	60 Min
Kinematic Viscosity at 100° C	(mm ² /s)	NP EN 3104, ASTM D 445, IP 71	35 Max
Kinematic Viscosity at 50° C	(cSt)	NP EN 3104, ASTM D 445, IP 71	380 Max
Sulphur	%(m/m)	ISO 8754, ASTM D 4294, ASTM D 1552, IP 336	3.5 Max
Water	%(v/v)	ISO 3733, ASTM D 95, IP 74	1 Max
Cleanliness & Stability (Total sediments)			
Before treatment (Existent)	%(m/m)	ISO 10307-1, IP 375	0.1 Max
After treatment (Potential)	%(m/m)	ISO 10307-2, IP 390 A, SMS 1600	0.1 Max
or			
p-value			1.15 Min
Differential, Total Sediment (Potential minus Existent)	%(m/m)	Calc	0.05 Max
Carbon Residue	%(m/m)	ISO 6615, ISO 10370, ASTM D 189, ASTM D 4530, IP 13	18 Max
Pour Point	(° C)	ISO 3016, ASTM D 97, IP 15	30 Max
Ash	%(m/m)	NP EN ISO 6245, ASTM D 482, IP 4	0.15 Max
Asphaltene	%(m/m)	IP 143	10 Max
Vanadium	(mg/Kg)	ISO 14597, IP 288, IP 501	300 Max
Aluminium plus Silicon	(mg/Kg)	ISO 10478, IP 501	80 Max
Stability		ASTM D 4740	1 Max
Compatibility with Gasoil		ASTM D 4740	1 Max
Calorific Power lower and upper	(KJ/Kg) (mg KOH/g)	ASTM D 4868 CALCULATED	To be reported
Strong Acid Number		ISO 6618, ASTM D 664	Nil
Total Acid Number	(mg KOH/g)	ISO 6619, ASTM D 664	3 Max
Zinc	(mg/Kg)	IP 501	15 Max
Phosphorus	(mg/Kg)	IP 501	15 Max
Calcium	(mg/Kg)	IP 501	30 Max