



AGF GLOBAL TRADING FZC
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SPECIFICATIONS OF HIGH SULPHUR FUEL OIL -180 CST

Property	ASTM Method	IP/ISO Method	HSFO
Ash, % mass	ASTM D482	ISO 6245	Max 0.10
Calorific Value, Gross, MJ/kg	ASTM D240	IP12	Min 41
Calorific Value, Net, MJ/kg	ASTM D240		Report
Conradson Carbon Residue/MCRT, % mass	ASTM D4530/D189	ISO6615/ISO10370/ISO3016	Report
Calcium & Phosphorus, mg/kg	ASTM D5185	IP 377 / ISO 10478	Max 30/15
Calcium & Zinc, mg/kg	ASTM D5185	IP 377 / ISO 10478	Max 30/15
Total Sediment Existent, % mass		IP 375 / IP 390 / ISO 10307-2	Max 0.10
Silicon, mg/kg	ASTM D5185	IP 377 / ISO 10478	Report
Strong Acid Number, mg KOH/g	ASTM D974 / D664	IP 139 / ISO 6618	Nil
Acid Number, mg KOH/g	ASTM D974	IP 139 / ISO 6618	Report
Sodium, mg/kg		IP 470	Max 100
Water Content, % Vol	ASTM D95	IP 74 / ISO 3733	Max 0.45
Aluminium + Silicon, mg/kg	ASTM D5185	IP 377 / IP 470 / ISO 10478	Max 60
Aluminium, mg/kg	ASTM D5185	IP 377 / IP 470 / ISO 10478	Max 30
Copper Strip Corrosion Rating (3h @ 100°C)	ASTM D130		Report
Density @ 15°C, kg/m ³	ASTM D1298 D4052	ISO 3675	Max 991.0
Flash Point (PMCC), °C	ASTM D93B	IP 34 / ISO 2719	Min 62
Pour Point, °C	ASTM D97	IP 5 / ISO 3016	Max +9
Sulphur Content, % mass	ASTM D129 / D2622	IP 61 / IP 336 / ISO 8754	Max 3.5%
Vanadium, mg/kg	ASTM D5185	IP 288 / IP 285 / IP 470 / IP 501 / ISO 14597	Max 350
CCAI		Calc	Max 870
Viscosity @ 50°C, cSt	ASTM D445	IP 71 / ISO 3104	Max 180