



**AGF GLOBAL TRADING FZC**  
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## SPECIFICATIONS OF LSFO -380 CST

| Property                              | ASTM Method       | IP/ISO Method                                 | LSFO      |
|---------------------------------------|-------------------|-----------------------------------------------|-----------|
| Ash, % mass                           | ASTM D482         | ISO 6245                                      | Max 0.10  |
| Calorific Value, Gross, MJ/kg         | ASTM D240         | IP12                                          | Min 41    |
| 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    |
| Density @ 15°C, kg/m <sup>3</sup>     | 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 0.5%  |
| 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 380   |