

LANKA MARINE SERVICES PRIVATE LIMITED

SPECIFICATIONS FOR MARINE FUEL OIL 380 Cst

PARAMETER	UNIT	LIMIT	SPECIFICATION	TEST METHOD
Viscosity @ 50 C	mm ² /s	Max	380	ISO 3104
Density @ 15 C	kg/m ³	Max	991	ISO 3675 / ISO 12185
Sulphur	% (m/m)	Max	0.50	ISO 8754 / ISO 14596 / ASTM D664
Water	% (v/v)	Max	0.50	ISO 3733
Flash Point	0C	Min	60	ISO 2719
Pour Point	0C	Max	30	ISO 3016
Micro Carbon Residue	% (m/m)	Max	18	ISO 10370
Ash	% (m/m)	Max	0.10	ISO 6245
Total Sediment, aged	% (m/m)	Max	0.10	ISO 10307-2
Acid Number	mgKOH/g	Max	2.50	ASTM D664
CCAI		Max	870	
Hydrogen sulphide	mg/kg	Max	2.00	IP 570
Vanadium	mg/kg	Max	350	ISO 14597 / IP 501 / IP 470
Aluminium + Silicon	mg/kg	Max	60	ISO 10478 / IP 501 / IP 470
Sodium	mg/kg	Max	100	IP 501 / IP 470
Used Lubricating oils (ULO)		The fuel shall be free from ULO, and shall be considered to contain ULO when either one of the following condition is met.		
Calcium and Zinc; or Calcium and Phosphorus	mg/kg	Calcium > 30 and Zinc > 15 ; or Calcium > 30 and Phosphorus > 15		IP 501 / IP 470

*The above specifications will meet the requirements of the ISO 8217-2017 Standards for **RMG 380***