



MEDIUM FUEL OIL "MFO" 180 CST

CHARACTERISTIC	LIMIT	TEST METHOD
DENSITY @ 15 DEG C KG/L	MAX 0.991	ASTM D1298/D4052
KINEMATIC VISCOSITY @50 DEG C, CST	MAX 180	ASTM D445
WATER BY DISTILLATION, VOL%	MAX 0.50	ASTM D95
POUR POINT, DEG C	MAX 24	ASTM D97
FLASH POINT, DEG C	MIN 60	ASTM D93
SULPHUR, WT%	MAX 3.5	ASTM D4294
MCR (OR CCR), WT%	MAX 16	ASTM D4530/D189
ASH, WT%	MAX 0.10	ASTM D482
SEDIMENT BY EXTRACTION, WT%	MAX 0.10	ASTM D473
TOTAL SEDIMENT EXISTENT, WT%	MAX 0.10	IP375
SODIUM, WT PPM	MAX 100	AAS
VANADIUM, WT PPM	MAX 200	AAS
ALUMINIUM + SILICON, WT PPM	MAX 80	IP377
ALUMINIUM, WT PPM	MAX 30	IP377
GROSS CALORIFIC RESIDUE, KJ/KG	MIN 41,800	D4868/D240

USED LUBRICATING OIL (ULO)

ZINC	MAX 15	IP 501
PHOSPHORUS	MAX 15	IP 501
CALCIUM	MAX 30	IP 501