IFO 180 Marine Fuel

Intermediate fuel oil | Bunker & marine fuel | ISO 8217

PRODUCT OVERVIEW

An intermediate fuel oil blending residual fuel with gas oil to a 180 cSt viscosity at 50°C. IFO 180 is supplied to the ISO 8217 RMG 180 category and is used in medium-speed and slow-speed marine engines fitted with fuel heating and treatment.

TYPICAL SPECIFICATION

Characteristic	Units	IFO 180	Test method
Viscosity at 50°C, max	mm²/s (cSt)	**180**	ASTM D445 / ISO 3104
Density at 15°C, max	kg/m³	**991**	ASTM D1298 / ISO 3675
CCAI, max	–	**870**	Calculated
Sulfur	mass %	**Statutory requirements**	ASTM D4294 / ISO 8754
Flash point, min	°C	**60**	ASTM D93 / ISO 2719
Hydrogen sulfide, max	mg/kg	**2.0**	IP 570
Acid number, max	mg KOH/g	**2.5**	ASTM D664
Total sediment aged, max	mass %	**0.10**	ISO 10307-2
Carbon residue (micro), max	mass %	**18.0**	ASTM D4530 / ISO 10370
Pour point (winter), max	°C	**30**	ASTM D97 / ISO 3016
Pour point (summer), max	°C	**30**	ASTM D97 / ISO 3016
Water, max	volume %	**0.5**	ASTM D95 / ISO 3733
Ash, max	mass %	**0.10**	ASTM D482 / ISO 6245
Vanadium, max	mg/kg	**350**	ISO 14597
Sodium, max	mg/kg	**100**	IP 501 / IP 470
Aluminium + silicon, max	mg/kg	**60**	ISO 10478
Used lubricating oil (ULO)	–	**Free of ULO**	IP 501 / IP 470

SUPPLY AND PACKING

Delivery by road tanker, bunker barge, ship-to-ship transfer or vessel cargo depending on the port, quantity and receiving facilities. Origin, delivery terms and quantity are confirmed in the quotation.

DOCUMENTATION

Every delivery includes a Certificate of Analysis. Certificate of Origin, MSDS and third-party inspection reports are available on request.

NOTICE

Values are archived ISO 8217 catalogue references, not a current certificate of analysis. Agree the specification of the offered product and any statutory requirements before ordering.