Petroleum products

Fuel oil 180 cSt

Residual petroleum fuel

180 cSt



Material illustration

Technical characteristics

Residual fuel in the 180 cSt viscosity class. The commercial designation refers to kinematic viscosity at 50 °C. The complete specification depends on the plant and end use.

Property	Reference value	Method or source
Viscosity designation at 50 °C	**180 mm²/s**	ISO 8217:2024
Viscosity method	**ASTM D445**	ASTM D445
ISO	**ISO 8217:2024**	ISO 8217:2024

Grade reference at 50 °C is 180 mm²/s (1 cSt = 1 mm²/s). For marine lots also compare density, sulphur, water, total sediment, aluminium and silicon.



Applications

For equipment designed to condition heavy fuel of this viscosity. Marine supply also requires an ISO 8217 category, a sulphur limit and a suitable separation system.



Packaging and receipt

Bulk into compatible ship or shore tanks. Receiving arrangements depend on cargo viscosity, heating and pump capacity. Remaining fuel in the tank matters when checking compatibility before blending.

For acceptance, check the agreed specification and the certificate of analysis (COA) for the delivered lot.