

Shell Fuel Oil 77

Fuel oil for industrial heating

Description

Shell Fuel Oil 77 is a heavy fuel oil with a boiling point range between 350 °C and 400 °C.

Application

Shell Fuel Oil 77 is intended as fuel for heating purposes. Shell Fuel Oil 77 must be heated during transport and storage to be pumpable.

Not to be used for:

Shell Fuel Oil 77 should not be used in installations intended for gas oils.

Typical data

Shell Fuel Oil 77	Method	0,5% ¹	0,75 % ²
Sulphur max, % mass	ASTM D 4294	0,5	0,75
Density at 15 °C max., kg/m ³	ASTM D 1298/4052	998	
Viscosity at 80 °C min., mm ² /s	ASTM D 445	60	
Viscosity at 80 °C max., mm ² /s	ASTM D 445	80	
Flashpoint min., °C	ASTM D 93	68	
Na max., mg/kg	ASTM D 1318	80	
Water max, vol.-%	ASTM D 95	0,5	
Ash max, % mass	ASTM D 482	0,10	
Ramsbottom or Conradson max., % mass	ASTM D 524 / D 189	15	
Cleanliness & Stability, max, % mass	ISO 10307 - 2	0,10	
Pour point max., °C	ASTM D 97	30	
Asphaltenes typical, % mass	IP 143	3-7	

¹ Available on Funen and Jutland

² Available on Zealand

Typical data

Fuel Oil 77	Data
SO ₂ emissions per kg fuel, g/kg Fuel 77 0,5 % S	10
SO ₂ emissions per kg fuel, g/kg Fuel 77 0,75 % S	15
CO ₂ emissions per kg fuel, kg/kg	3,23



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Typical energy content

Fuel Oil 77	Data
Lower heating value, typical MJ/kg	40,9
Lower heating value, typical kcal/kg	9760

MSDS

For HSSE and handling advice please see MSDS for "Fuel 77".

MS 042014

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