

Shell



Your business demands  
Nature feels grateful

Shell Fuel Oil Plus is a premium grade fuel oil, special formulated to offer an outstanding combustion performance and improved fuel stability & filterability. It is designed for boiler operation where emission quality, particularly where particulate matter or black smoke reduction is a major concern.

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## Applications

Shell Fuel Oil Plus is recommended for use with all steam & hot oil boiler operation especially where there may be an environmental concern and /or experiencing frequent burner & filter servicing problem:

- Experiencing black smoke & particulate emission problem
- Urban Industrial Plant
- ISO 14000 standard requirement
- Operate under a stringent emission control standard
- Experiencing frequent filter & nozzle clogging
- Corporate image's risk

## Features and benefits

- **Emission Quality Improvement**  
Reduction in particulate & black smoke emission thru its outstanding fuel combustion performance
- **Save routine maintenance & servicing cost**  
Improved fuel filterability and stability will extend required routine filter & nozzle service interval. Its minimum sludging tendency & dispersant property will keep fuel system cleaner
- **Lower long-term maintenance cost**  
Decreasing in coke & unburned carbon deposit formation in the boiler firing room and smoke tube passes will be experienced; maintenance cycle will then be less frequent
- **Boiler Efficiency Improvement**  
Burning efficiency will be increased with the more complete combustion, better energy conversion will be resulted and loss through excess air can be reduced

## **Technical Specifications**

| <b><i>Properties</i></b>                                | <b><u>Limits</u></b> | <b><u>Test Method</u></b> |
|---|----------------------|---------------------------|
| Density @ 15°C, Kg/L, max.                              | 0.990                | ASTM D1298                |
| Kinematic Viscosity, mm <sup>2</sup> /sec. @ 50°C, max. | 230                  | ASTM D445                 |
| Sulphur Content, % wt., max.                            | 3.0                  | ASTM D2622/D4294          |
| Pour Point, °C, max.                                    | 24                   | ASTM D97                  |
| Water and Sediments, % vol., max.                       | 1.0                  | ASTM D2709                |
| Ash Content, % wt., max.                                | 0.1                  | ASTM D482                 |
| Flash Point, Pensky-Martens, °C, min.                   | 60.0                 | ASTM D93                  |