Shell Barrier *Fluid*

Shell Barrier Fluid is a premium high viscosity index synthetic Fluid for use as a barrier or buffer Fluid in various seals where the Fluid must lubricate and dissipate the heat from the seal area.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- Excellent low temp fluidity and High Temperature stability
- Excellent heat dissipitation properties
- Non-corrosive to metals

Main Applications

- Seals requiring a barrier or buffer fluid
- Seals requiring a light seal oil
- Seals where heat dissipitation is critical

Specifications, Approvals & Recommendations

Field Tested

Field tested under actual operating conditions

For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Help Desk.

Typical physical Characteristics

Properties			Method	Shell Barrier Fluid
density		lbs/gal		6.664
density	@15^{0}C	kg/l		0.7985
Pour Point		^{0}C	D5950	-94
Flash Point	COC	^{0}C	D92	160
Kinematic Viscosity	@-40^{0}C		D446	208
Kinematic Viscosity	@100^{0}C	cSt	D445	1.75
Kinematic Viscosity	@40^{0}C	cSt	D445	5.5
appearance				Clear and Bright

These characteristics are typical of current production. While future production will conform to Shell's specification, variations in these characteristics may occur.

Heath, Safety & Environment

- Health and Safety

  Shell Barrier Fluid is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

  Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

  Guidance on Health and Safety is available on the appropriate Material Safety Data Sheet, which can be obtained from your Shell representative.

- Protect the Environment

  Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

Additional Information

- Advice

Product recommendations for applications and specifications not covered here may be obtained from your Shell representative.