SHELL STROMBUS MP

EMULSIFIABLE STERN TUBE OIL

DESIGNED TO MEET CHALLENGES

Shell Strombus MP is designed specifically for oil-filled stern tubes, particularly in the event of leakage. It is mainly used for the lubrication of stern tube bearings and protection of tail shafts in systems incorporating lip seal stern tube glands, but also some face seals.

PERFORMANCE FEATURES

COST EFFECTIVENESS

- Shell Strombus MP absorbs high amounts of seawater. There is no need to reduce the concentration of seawater emulsified in the oil until it reaches levels of over 20%.

HELPS MINIMISE RISKS OF WATER INGRESS

- Water is absorbed to form a stable emulsion which continues to offer good lubrication and protection against corrosion. The oil and its emulsion are sufficiently fluid to circulate around the stern tube bearing oil system.

HIGH LEVEL OF PROTECTION

- Its unique combination of base oils and carefully selected additives, give good emulsibility while offering a high level of protection to the metal surfaces, in the presence of water.

MISCIBILITY

- Compatible with most commercially available oils used for stern tube lubrication.

APPROVALS

- Accepted by most leading seal and bearing manufacturers. Suitable for Viton or Nitrile seals.

APPLICATIONS

The large majority of ships today are fitted with oil lubricated stern tubes. The stern tube bearings and the tail shaft are required to operate reliably, often in extreme conditions due to vibration, water ingress, flexing of the vessel's structure, movement of the vessel in heavy seas and with variations of speed and temperature.

Shell Strombus MP is specifically designed to be compatible with diesel engine oils used for stern tube lubrication. It is also suitable for the lubrication of the fin shafts of certain retractable stabilisers.

TYPICAL PHYSICAL CHARACTERISTICS

CHARACTERISTICS	
Kinematic Viscosity (IP 71) @ 40°C mm ^{2}/s	273
Density @ 15°C kg/m ^{3} (IP 365)	900
Flash Point °C (PMCC) (IP 34)	200
Pour Point °C (IP 15)	–5