



Inhibited EP-type quality marine turbine oil formulated from highly refined base stocks and an additive package that provides turbine performance with mild extreme pressure (EP) properties. Regal Marine 77 has a nominal viscosity which falls between ISO viscosity grades 68 and 100.

## APPLICATIONS

- Steam turbine bearings and reduction gearing on modern design geared turbine vessels where gear loads are heavy.
- Steam turbine bearings and reduction gearing on older vessels where gear wear has been experienced with conventional turbine oils.
- Auxiliary turbines and marine hydraulic equipment not normally exposed to very low ambient temperatures
- General lubrication applications aboard ship.
- Industrial geared turbine applications where wear on the gears has been a problem.

## BENEFITS

- **Protects reduction gear sets**  
The EP additive system forms a protective film on heavily loaded gear tooth surfaces to minimize wear and scuffing, even under shock loading conditions, helping to extend the life of reduction gear sets.
- **Potential maintenance and downtime savings**  
Highly refined base stocks and special oxidation inhibitor system resist the formation of harmful sludge and varnish deposits. The highly effective rust inhibitor protects components against corrosion in the presence of both fresh and salt water.
- **Smooth operation**  
Readily separates from water. The non-silicone foam inhibitor allows rapid release of entrained air while minimizing foam formation to enable reliable operation of sensitive hydraulic control devices.
- **Potential inventory savings**  
The rust and oxidation inhibited, EP formulation has multipurpose capability aboard ship, helping to simplify oil inventories and reduce the possibility of using the wrong lubricant.

## PERFORMANCE STANDARDS

Suitable for use where oils meeting these specifications are required.

US Military	MIL-L-17331H(SH)
Australian Defence Standard	DEF (Aust) 5257 "Lubricating Oil, Steam Turbine and Gear, Moderate Service" (OEP 89)



#### TYPICAL CHARACTERISTICS

Product Code	1332
Density at 15°C, kg/L	0.886
Flash Point, COC, °C	240
Pour Point, °C	-9
Viscosity, cSt at 40°C cSt at 100°C	78.4 9.5
Viscosity Index	98

#### PACK SIZES

205L

#### ENVIRONMENT, HEALTH AND SAFETY

Users should consult the MSDS, follow the precautions outlined and comply with all laws and regulations concerning its use and disposal. Used packaging material should not be incinerated or exposed to flame. After use, protect your environment. Do not pollute drains, soil or water with used product.

#### OTHER INFORMATION

For further information on Caltex products and services call the Lubelink Advisory Service on 1300 364 169 between 8.00am and 6.00pm (EST) Monday to Friday.

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