



## Gulf Security

### *Industrial bearing and circulating oils*

#### Product Description

**Gulf Security** series are industrial bearing and circulating oils primarily intended for lubrication of circulating systems, total loss systems, low or moderately loaded enclosed gears and air compressors where a straight mineral oil is recommended. These oils are blended from high quality, solvent refined paraffinic base oil and anti-foam agents. They possess inherent resistance to oxidation, high viscosity index, low carbon forming tendency, superior foam control and good water separating capabilities.

#### Features & Benefits

- Inherent resistance to oxidation minimises sludge & varnish formation and resists oil degradation
- High Viscosity Index ensures small changes of viscosity with change of temperature
- Superior foam control avoids pump cavitations and maintains circulation efficiency
- Good water separating capability promotes separation of water in reservoir and prevents it from reticulating with the oil

#### Applications

- Wide variety of following industrial applications requiring straight mineral oils:
  1. Circulatory systems
  2. Total loss systems
  3. Low or moderately loaded enclosed gears not requiring EP or anti-wear properties
  4. Air compressors
  5. Plain and rolling element bearings

Properties mentioned above are typical only and minor variations, which do not affect the product performances, are to be expected in normal manufacturing. The above information is based on past history of the grade only and must not be construed as a guarantee of performance. Follow equipment manufacturer's recommendations for performance level and viscosity grade. The Material Safety Data Sheet for this product is available from your nearest Gulf Distributor. Gulf Oil International

The information contained herein is believed to be correct at time of publication. No warranty expressed or implied is given concerning the accuracy of the information or the suitability of the products. Gulf Oil International reserves the right to modify and change its products and specifications without prior notice.

[www.gulfoilltd.com](http://www.gulfoilltd.com)



## Specifications, Approvals & Typical Properties

ISO Viscosity grades		22	32	46	68	100	150
Typical Properties							
Test Parameters		ASTM Method	Test Values				
Viscosity @ 40 °C, cSt		D 445	22.5	31.2	45.9	68.3	98.3
Viscosity Index		D 2270	99	100	100	99	97
Flash Point, °C		D 92	220	202	210	218	230
Pour Point, °C		D 97	-6	-18	-15	-12	-9
Density @ 15°C, Kg/l		D 1298	0.863	0.87	0.874	0.881	0.886
Emulsion Test 30 minutes max	@ 54 °C	D 1401	Pass	Pass	Pass	Pass	-
	@ 82 °C		-	-	-	-	Pass
Foam Test, foam after 10 minutes of settling for all sequences		D892	-	Nil	Nil	Nil	Nil

Properties mentioned above are typical only and minor variations, which do not affect the product performances, are to be expected in normal manufacturing. The above information is based on past history of the grade only and must not be construed as a guarantee of performance. Follow equipment manufacturer's recommendations for performance level and viscosity grade. The Material Safety Data Sheet for this product is available from your nearest Gulf Distributor. Gulf Oil International

The information contained herein is believed to be correct at time of publication. No warranty expressed or implied is given concerning the accuracy of the information or the suitability of the products. Gulf Oil International reserves the right to modify and change its products and specifications without prior notice.

[www.gulfoilltd.com](http://www.gulfoilltd.com)