Gulf Security

Industrial Bearing & 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. These oils are available in ISO 32 through ISO 680 viscosity grades.

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 cavitation and maintains circulation efficiency
- Good water separating capability promotes separation of water in reservoir and prevents it from recirculating 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

Specifications & Typical Properties

ISO Viscosity grades			**32**	**46**	**68**	**100**	**150**	**220**	**320**	**460**	**680**
Typical Properties											
Test Parameters		**ASTM Method**	**Typical Values**								
Viscosity @ 40 ºC, cSt		D 445	32	46	68	100	150	220	320	460	680
Viscosity Index		D 2270	100	100	99	97	96	96	95	95	95
Flash Point, ºC		D 92	218	224	230	232	238	242	250	254	256
Pour Point, ºC		D 97	-30	-30	-27	-24	-24	-24	-21	-21	-18
Density @ 15ºC, Kg/l		D 1298	0.872	0.874	0.881	0.886	0.89	0.894	0.898	0.902	0.915
Emulsion Test 30 minutes max	@ 54 °C	D 1401	Pass	Pass	Pass	-	-	-	-	-	-
	@ 82 °C		-	-	-	Pass	Pass	Pass	Pass	Pass	Pass
Foam Test, foam after 10 minutes		D 892	Nil	Nil	Nil	Nil	Nil	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

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