



Product Bulletin

GULF SECURITY OILS

Gulf Security Oils are uninhibited mineral oils that have been solvent refined from high quality paraffinic base oils. They are an economical choice for applications requiring unadditized oils of an API SA quality.

FEATURES AND BENEFITS:

Gulf Security Oils provide good natural lubricating properties and resist rust and corrosion. They have a narrow boiling range offering improved heat transfer properties in circulating systems where an uninhibited mineral oil is recommended. These products have outstanding demulsibility characteristics for rapid water separation. Their low carbon forming tendencies make them a choice lubricant for use in air compressors.

APPLICATIONS:

Gulf Security Oils are light-colored multipurpose lubricating oils that may be suitable for use in the following applications:

- Machine tools
- Gear reducers
- Electric motors
- Sleeve bearings
- Air compressors
- Spindle bearings
- Roller and drive chains

SELECTION:

Gulf Security Oils are available in two ISO viscosity grades (ISO VG), **68** and **100**, to comply with most industrial applications. Follow equipment manufacturer recommendations for appropriate viscosity grade.

AVAILABILITY:

Gulf Security Oils are available throughout Gulf's marketing area. Your Gulf representative or Gulf jobber can provide specific information. Need additional information? Call Gulf @ 1-800-566-GULF (4853).



AMERICAN REFINING GROUP, INC.

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Gulf Security Oils – Typical Properties

ISO Viscosity Grade		68	100
Product Code	Test Method	334306	334308
Viscosity, cSt @ 40°C	ASTM D-445	68	100
Viscosity, cSt @ 100°C	ASTM D-445	8.7	11.55
Viscosity, SUS @ 100°F	ASTM D-2161	353	464
Viscosity, SUS @ 210°F	ASTM D-2161	55.5	62.9
Viscosity Index	ASTM D-2270	100	93
Color	ASTM D-1500	L1.0	2.5
Pour Point, °F (°C)	ASTM D-5949	5 (-15)	15 (-9)
Flash Point, COC, °F (°C) (min)	ASTM D-92	425 (218)	440 (226)
KF Moisture, ppm	ASTM D-6304	N/A	100 (max)
TAN	ASTM D-664	Nil	Nil
Sulfated Ash, mass %	ASTM D-482	Nil	Nil
Aniline Point, °F (°C)	ASTM D-611	222 (105)	222 (105)
Demulsibility, 20 min. @ 130°F _(max) 60 min. @ 180°F _(max)	ASTM D-1401	40-37-3 ---	--- 40-37-3
API Gravity, 60°F	ASTM D-1298A	29.2	27.9
Density, lbs/gal (g/L)	Calculated	7.32 (878)	7.42 (889)
API Service Category		SA	SA