



Gulf Security NT 100

Extra High Performance Circulating Oils

Product Description

Gulf Security NT 100 is a premium quality heavy duty circulating oil specially designed to meet the specific requirements of the Morgan Construction Company's high speed No-Twist® Rod Mills. It is formulated from high quality base stocks and special additives to provide enhanced film strength & anti-wear performance and excellent protection against oxidative and thermal degradation. It has very good wettability and provides protection against rust and corrosion. It also possesses superior demulsibility characteristics.

Features & Benefits

- Exceptional thermal and oxidative stability resists deposits and sludge formation to keep systems clean and also helps extend oil life.
- Superior anti- wear performance helps in protecting gears, bearings and other components.
- Excellent demulsibility characteristics ensure rapid water separation.
- Special rust and corrosion inhibitors protect multi-metallurgy components even under wet conditions.
- Superior foam control and air release properties provide trouble-free performance.
- Good filterability enables use with fine filters.

Applications

- Gulf Security NT is specially recommended for use in No Twist Rod Mills.
- It is also suitable as multipurpose lubricant in circulating systems not subjected to shock loading and applications not requiring extreme pressure performance.

Specifications, Approvals & Typical Properties

ISO Viscosity grade		100
Meets the following Specifications		
Morgan Construction Company's "No-Twist® Rod Mill Lubricants Specification		X
Typical Properties		
Test Parameters	ASTM Method	Test Values
Viscosity @ 40 °C, cSt	D 445	102.4
Viscosity @ 100 °C, cSt	D 445	11.34
Viscosity Index	D 2270	96
Flash Point, °C	D 92	242
Pour Point, °C	D 97	-21
Density @ 15°C, Kg/l	D 1298	0.8615
Rust Test	D 665A/B	Pass
Demulsibility @ 82 °C, minutes	D 1401	10
Foam Test, foam after 10 minutes of settling for all sequences	D 892	Nil
Demulsibility Characteristics, Free Water, ml	D 2711	39
Four-ball Weld, kg	D 2783	200
FZG, fail load stage, minimum	D 5182	13
Copper Corrosion	D 130	1b

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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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