

#### DESCRIPTION:

Atlas 680 is a high quality, multi-purpose antiwear circulating oil expertly developed to provide outstanding protection and performance in demanding industrial applications. This ashless, high-quality lubricant is specifically formulated to meet the rigorous technical requirements of hydrodynamic MORGOIL and DANIELI bearings commonly found in high-speed rolling mills and other heavy-duty circulating systems. Its non-EP (Extreme Pressure) composition offers a superior balance of wear protection, stability, and system compatibility.



#### BENEFITS:

- Excellent Rust and Corrosion Protection
- Exceptional Oxidation & Thermal Stability
- Superior Demulsibility (Water Separation)

#### PERFORMANCE LEVELS:

- DANIELI® BGV and ESS bearings
- MORGOIL® Standard Lubricant - SN 180 Part 3
- MORGOIL® Advanced Lubricant - SN 180 Part 4

#### TYPICAL PROPERTIES

ISO VG	Unit	680
Density 15 °C	Kg/m <sup>3</sup>	916
Viscosity 40 °C	cSt	680
Viscosity 100 °C	cSt	36.5
Viscosity Index		90
Pour Point	°C	-9
Flash Point	°C	320
Demulsibility at 82°C		15
Demulsibility at 25°C		30
- Free Water		4
- Water in oil		1
- Emulsion		1