

ECOSE[®] SM 500

High Performance Gear & Bearing Oil

ECOSE[®] SM 500 is a high performance lubricant that utilizes heavy synthetic base stocks and unique thickeners that are designed to meet the demands of heavy loads, shock loading and slow rotating journal bearings often found in the harsh environment of sugar mill processing plants. The high molecular weight polymers used in this formulation are shear stable and resist breakdown under service stress thus maintaining adequate film thickness helping to reduce frictional wear.

FEATURES AND BENEFITS:

- Ability to form a strong film that is resistant to shear and squeeze out under pressure
- High viscosity index which helps provide good pumpability at lower temperatures
- Suitable for lubricating heavily loaded brass bearings
- Does not contain solids or asphaltic resins
- Light colored lubricant

Typical Properties

ECOSE SM 500	Test Method	
Product Code		530010
Viscosity, cSt @ 40°C	ASTM D 445	16,100
Viscosity, cSt @ 100°C	ASTM D 445	500
Viscosity Index	ASTM D 2270	170
Copper Corrosion, 3 Hrs., 100°C	ASTM D 130	1B
Pour Point, °C	ASTM D 97	<10
Flash Point, COC, °C	ASTM D 92	>250
Pour Point, °F	ASTM D 97	42
4 Ball EP Test, Load Wear, modified, mm	ASTM D 2783	0.52

Note: Values shown above are typical values only and do not constitute a specification and may vary within modest ranges. Always confirm with the original manufacturer’s recommendation for proper equipment operating requirements.

AVAILABILITY:

ECOSE[®] SM 500 is available throughout Nu-Tier Brand’s marketing area. Your Nu-Tier representative can provide specific information. Need additional information? Call Nu-Tier Brands @ 1-877-771-LUBE (5823) or visit Nu-tierbrands.com.