



UNITED EST CHAIN & GEAR OIL

Product Description:

United EST Chain & Gear Oil is specially formulated with fully synthetic ester base oil that enables it to provide excellent lubricating properties even at very high temperatures. It provides maximum operating reliability with the optimum wear & oxidation protection.

United EST Chain & Gear Oil essentially has a very high flash point that minimizes any fire hazard. Its very low volatility characteristic also enables less oil consumption and minimal deposit formation that leaves no harmful carbon deposit behind. Its unique formulation provides good adhesiveness even at escalated temperatures and also protects the metal surface from corrosion and rust.

United EST Chain & Gear Oil can be used in systems with operating temperatures as high as 250 °C while ensuring high operating reliability and low maintenance expenses on the conveyor system. Its extremely low pour point properties also makes it suitable for use in low temperature work environments such as cold rooms.

Applications / Benefits:

- ▣ Excellent thermo-stability.
- ▣ Forms no carbon deposit.
- ▣ Excellent adhesiveness.
- ▣ Good protection against rust and corrosion.

Typical Characteristics:

Test Description	Method	100	150	220	320	460
ISO Viscosity Grade	-					
Specific Gravity @ 15 °C	ASTM D 4052	0.958	0.967	0.978	0.981	0.905
Flash Point, °C	ASTM D 92	258	260	265	267	260
Pour Point, °C	ASTM D 97	-36	-33	-33	-30	-27
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	105	150	220	322	465
cSt @ 100°C	ASTM D 445	10.9	15.1	20.9	28.5	37.2
Viscosity Index	ASTM D 2270	85	100	112	120	122
Color	ASTM D 1500	<1.0	<1.0	<1.0	1.0	<1.5