



## EnviroSUM Triplex Pump Lubricant

We value a sustainable approach to the environment. Lubrication can be clean and green while reducing costs.

Our Triumph EA (Environmentally Acceptable) product line is classified as Environmentally Responsible by the Organization for Economic Co-operation and Development (OECD) standards, using high quality base stocks that efficiently biodegrade in only 60 days. These products can be trusted in all environmentally sensitive areas.

MTL & MTLX - Triplex Pump Lubricant is a high-performance lubricant designed for use in demanding applications where high efficiency fluid pumping is required. This lubricant is engineered for efficiency resulting in reduced downtime and considerable cost savings. Available in standard and extreme cold temperature grades. Inherent biodegradability limits environmental impact and liability.

### ADVANTAGES

- High extreme pressure (EP) levels for excellent load carrying ability.
- Fights rust and corrosion.
- Tenacious anti-wear film.
- Significant reduction in plunger and packing wear.
- Engineered for high efficiency fluid pumping.
- Eliminates handling, toxicity and environmental issues.
- Multifunctional for stuffing box, coiled tubing and cementing applications.

### RECOMMENDED USAGE

MTL & MTLX - Triplex Pump Lubricant is the ideal choice for Triplex and Multiplex plunger pumps and stuffing boxes where rock drill and mineral oils have been used.

**Triumph EnviroSUM MTL/ MTLX Pump Lubricant:** For use as primary lubricant in triplex and multiplex plunger pumps or stuffing boxes. Approved for use with all major pump manufacturers. For operating temperatures below 0°C use the extreme cold temperature grade.

**MTL: 3600-20-1 (20 L Pail)**  
**3600-205-1 (205 L Drum)**  
**3600-00-00 (BULK)**

**MTLX: 3601-20-1 (20 L Pail)**  
**3601-205-1 (205 L Drum)**  
**3601-00-00 (BULK)**

TYPICAL PROPERTIES	ASTM METHOD	Standard Grade MTL	Extreme Cold MTLX
Appearance			
Kinematic Viscosity @ 40°C (cSt)	D 445	28	10
Kinematic Viscosity @ 100°C (cSt)	D 445	5.1	3.52
Viscosity Index	D 2270	129	141
Density @ 20°C (kg/L)	D 1298	0.854	0.855
Pour Point (°C)	D 97	-39	-50
Flash Point (°C)	D 92	206	172
<b>PERFORMANCE TESTING</b>			
Rust Prevention	D 665	Pass	Pass
EP Load (MPa)	Modified Timken D 2782	900	900
Primary Biodegradability (%)	CEC-L-33-A93	> 60	> 60
Trout Toxicity @96 hrs LC50 (ppm)	OECD 203	n	n