



TECHNICAL DATA SHEET

DECATHLON™ CCL CONVEYOR CHAIN LUBRICANT

Decathlon™ CCL oils are fully synthetic chain lubricants for E-Coat paint lines and water-based paint systems. These adherent lubricants were developed for chain lubrication of overhead and floor conveyors where lubricants might get into the paint bath. Wear is avoided by the presence of special antiwear additives.

Decathlon™ CCL lubricants completely dissolve in water and in water soluble paints. In contrast to conventional products, lubricant residues do not affect the paint bath. There is no formation of fish eyes, craters, pinholes, stains, or rough surfaces.

Decathlon™ CCL will substantially reduce lubricant consumption, lowering cost per operating hour and reducing service intervals for maintenance downtime.

BENEFITS:

- REDUCES CONSUMPTION - allows for longer application intervals.
- ANTIWEAR FORMULA - reduces wear in chain links, pins, and bushing areas without the use of solid lubricants.
- PROTECTS - against rust and corrosion.
- SMOOTHER & QUIETER - chains run smoother and quieter.
- OPERATING RANGE – normal ambient up to 375°F (190°C).

APPLICATIONS:

Decathlon™ CCL is ideal for chain drives of all sizes. Decathlon™ CCL may either be sprayed, injected, or dripped onto the chain.

ASTM #	Product Name	TYPICAL CHARACTERISTICS	
		CCL 150	CCL 220
D-445	ISO Grade	150	220
	Kinematic Viscosity		
	cSt @ 40°C	148	226
D-2161	cSt @ 100°C	27	41
	Saybolt Viscosity		
	SUS @ 100°F	715	1,094
D-2270	SUS @ 210°F	130	200
	Viscosity Index	228	236
D-97	Pour Point, °F (°C)	-44 (-42)	-52 (-47)
Gardner Method	Density, lb/gal @ 60°F (15.5°C)	8.79	8.74
	Specific Gravity, g/cc @ 60°F (15.5°C)	1.055	1.049
D-92	Flash Point, °F (°C) Cleveland Open Cup	440 (227)	440 (227)
D-4172	Four Ball Wear, Scar Width, mm @ 40 kgf	0.32	0.32
D-665	Rust Test		
	Distilled Water	Pass	Pass
D-189	Conradson Carbon Residue, % Loss	0.32	0.33
D-972	Thin Film Evaporation, % Loss	4.12	3.38
	@ 355°F (179°C) @ 6 hrs		
	Appearance	Clear Transparent	Clear Transparent

The above are average values. Minor variations which do not affect product performance are to be expected in normal manufacturing.

PACKAGING

Nonreturnable Totes	Drums	Pails
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