



## LiCa150-1.5EP Eco

LiCa150-1.5EP Eco grease is a biodegradable hybrid thickened grease. Designed specifically for use in applications where by incidental environmental release maybe a concern such as farming, forestry, mining, marine, plus others.

### NLGI 1.5

#### Applications

This grease is an environmentally acceptable lubricant (EAL) and suitable for EU Ecolabel and US VGP (Vessel General Permit), meeting the criteria for biodegradability, eco-toxicity and bioaccumulation.

It is engineered to provide optimal performance in ecologically sensitive environments, providing excellent tribological protection, corrosion resistance and water resistance.

#### Features and Benefits

- Good mechanical stability, corrosion protection and excellent water resistance - critical in wet/ damp environments.
- Extreme load performance provides enhanced wear protection under heavy (shock) loads.
- Lubricating film maintained to avoid water washout and provide outstanding protection.
- Wide operating temperature range and high drop point.
- Formulation suitable for EU Ecolabel.

#### Typical Characteristics

Test	Method	Result
Colour	Visual	Beige
Thickener Type		Lithium/ Calcium
Temperature Range		-25 to 120°C
Base Oil Type		Synthetic Blend
Base Oil Viscosity		150 cSt
Worked Penetration	IP 50	290-310 mm/10
Drop Point	IP 396	>170°C
Oil Separation	IP 121	< 2%
4-Ball Weld Load	ASTM D2596	315kgf
Wear Scar Diameter	ASTM D4172	< 0.65mm
Water Wash Out	ASTM D1264	< 2%
Spray Off	ASTM D4049	< 40%
Copper Corrosion (100°C, 24hrs)	IP 122	1b
Emcor (DI Water)	IP 220	0:0
Bio-Credentials		
Readily Biodegradable Components		> 80%
Bio-based Content		> 50%