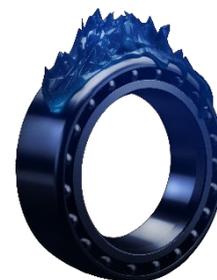


TECHNICAL PRODUCT SHEET

INNOVA™ CYBIO NLGI 2



DESCRIPTION

INNOVA™ CYBIO is a truly biodegradable, lithium/calcium soap thickened, multi-purpose grease incorporating non-toxic solid lubricants, extreme pressure additives, and a blend of antioxidants and corrosion inhibitors, combined to provide highly effective lubrication with excellent corrosion protection.

APPLICATIONS

INNOVA™ CYBIO is particularly suitable for the offshore industry. Its adhesive nature makes it suitable for a wide range of applications for general purpose greasing of all types of bearings including heavy-duty bearings in very wet and aggressive environments. Other typical application areas are dockside cranes, draglines, water treatment and situations where a biodegradable lubricant is preferred for environmental reasons. The ingredients used in the manufacture of INNOVA™ CY/BIO are naturally accruing or readily biodegradable by micro-organisms, making this product environmentally friendly when compared to conventional lubricants.

SPECIFICATIONS

NLGI 2	DIN51825 KPE2K-30 Biodegradability>60%	ISO 6743/9 L-X-CCIB2 EPA 2013 VGP-complaint	OECD 301-B
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PROPERTIES

INNOVA™ CYBIO features a water-repellent film and a mixed soap (lithium/calcium) thickener, providing reliable lubrication while supporting environmental sustainability. It ensures strong protection and performance in applications exposed to moisture and demanding conditions.

BENEFITS

INNOVA™ CYBIO is 100% environmentally sensitive, ensuring sustainable performance while extending lubrication intervals for long equipment life. It dewateres effectively and can be applied on wet surfaces, offering increased resistance to water washout and reliable protection in harsh conditions.



TECHNICAL PRODUCT SHEET

PHYSICAL-CHEMICAL CHARACTERISTICS

INNOVA™ CYBIO	METHOD	
NLGI Grade		2
Color/Appearance	Visual	Brown-Green
Texture	Visual	Adhesive
Thickener type		Lithium/Calcium
Base Oil		Blend of 100% biodegradable oils
Base oil viscosity @40°C, mm ² /s	ASTM D445	75-100
Solid lubricant		Non-toxic high load solids
Worked penetration, 10 ⁻¹ mm @25 °C - 60 strokes	ASTM D 217	265-295
Water spray-off loss	ASTM D 4049	<0.5%
4-ball welding load, kg	IP 239 (ASTM D 2596)	500
Timken OK load, kg	IP 326	20
Scar diameter, 40kg/1hr, mm		0.65
DN factor		500,000
Operating temperatures, °C		-30/+120

The above mentioned characteristics represent mean values.

STORAGE

All packages must be stored in covered, well-ventilated areas. If outdoor storage cannot be avoided, barrels must be placed horizontally to prevent water ingress and to protect labels and markings from damage. Products must not be stored at temperatures above 60 °C and must not be exposed to direct sunlight, freezing conditions, or extreme temperature fluctuations.



HEALTH & SAFETY

This product is not considered to pose significant risks to health or safety when used as intended and in accordance with recommended personal hygiene practices. It must not be applied for purposes other than those for which it has been formulated. For detailed guidance on safe handling and use, refer to the Safety Data Sheet (SDS).



USED OILS

Used lubricants must be collected at designated collection points to prevent environmental contamination. They must not be mixed with solvents, brake fluids, or antifreeze.

