
MAXIGEAR BBO – Series

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DESCRIPTION:

Range of **Biodegradable** lubricants, formulated with synthetic bases with a high level of biodegradability and a system of additives free of heavy metals and environmentally harmful ingredients.

APPLICATIONS:

- Lubrication of agricultural and civil engineering machinery.
- Industrial applications, transport vehicles, automotive.
- General lubrication of gardening equipment and forestry machinery, lost oil systems.
- Waste water treatment plants (WWTP)
- General lubrication of machinery that operates in areas with possible risk of contamination of aquifers, environmentally protected areas, leisure areas, etc.
- Gear systems on ships when operating in areas of protected waters
- Gearboxes, reducers, plain bearings, guideways, and bearings where a lubricant with EP properties is required

PROPERTIES & ADVANTAGES:

- Excellent biodegradability.
- Protects against corrosion and oxidation.
- Excellent adhesion, tackiness and lubricity.
- High EP capacity.
- Low friction coefficients contribute to reduced wear levels in lubricated elements.
- Reduced formation of deposits, keeping the gear unit in an optimum state of cleanliness.
- Fast separation from water, which prevents moisture from reaching metal surfaces.
- Reduces power loss to friction, ensuring optimum performance and quiet operation.

SPECIFICATIONS:

DIN 51517 Part 3 CLP
US STEEL 224
ISO 12925-1 CKC - CKD

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TECHNICAL DATA:

PHYSICOCHEMICAL CHARACTERISTICS	STANDARD	VALUE		
ISO grade	ISO 3448	150	220	320
Density at 15 °C, typical (kg/l)	ASTM D-1298	0.915	0.915	0.920
Pour point (°C), max.	ASTM D-97	-30	-25	-20
Flash point COC, min. (°C)	ASTM D-92	250	250	250
Copper corrosion (3 hrs, 100 °C), max.	ASTM D-130	1b	1b	1b
TIMKEN OK load (lb)	ASTM D-2782	75	75	75
4-ball EP test, welding (kg)	ASTM D-2596	250	250	250
4-ball Wear test, scar diameter (mm)	ASTM D-2266	< 0.4	< 0.4	< 0.4
Biodegradability, %, 28 days	CEC-L-33-A93	> 60	> 60	> 60

PACKAGING:

20L jerrycan and 200L drum.

“This data represents average values following different tests. Given the wide variety of operating conditions, it does not serve as a basis for determining specification. Olipes S.L. reserves the right to modify the indicated data without prior notice”