

# GEAR-PLUS BIO EST 100

BIODEGRADABLE GEAR OILS

326300201

**DYADE**  
LUBRICANTS



## SATURATED ESTER BASED BIODEGRADABLE LUBRICANT FOR GEARS

This fully synthetic gear oil is specifically formulated for applications that require both biodegradability and long service life. It is designed to perform exceptionally well in harsh winter and arctic conditions, offering superior wear protection, as well as effective rust and corrosion resistance. This product is specifically formulated to provide optimal lubrication for applications operating under severe conditions, such as heavy loads and temperature fluctuations. Its high biodegradability makes it an ideal solution for environmentally sensitive areas, including public works and various industrial operations such as stern tubes, gear units (reduction, spur, helical), and heavy-duty bearings.

## CATEGORY

- Gear Oils

## BENEFITS

- Biodegradable according CEC-L-33-A-94
- Longer service life
- Good low temperature performance
- Wide temperature range
- Reducing operating friction
- Good wear protection
- Good protection against rust and corrosion
- Extended drain intervals
- Miscible with convention mineral oils
- Excellent seal compatibility

## PROPERTY

PROPERTY	METHOD	VALUE
Density @ 20 °C, kg/dm <sup>3</sup>	ISO 3675	0.955
Viscosity @ 40 °C, mm <sup>2</sup> /s	ISO 3104	100
Viscosity @ 100 °C, mm <sup>2</sup> /s	ISO 3104	16
Viscosity index	ASTM D2270	>160
Pour point, °C	ASTM D97	<-31
Flash point, °C	ASTM D93	>265
FZG test	ASTM D5182	+12

All data on this technical data sheet is indicative only

202312V01



**DYADE** MAINTAIN THE THINGS WE VALUE

DYADE LUBRICANTS B.V.  
TYPOGRAAF 16 | 6921 VB DUIVEN  
THE NETHERLANDS

0031 (0) 316 745 745  
INFO@DYADEGLOBAL.COM  
WWW.DYADEGLOBAL.COM