

NS ECOGUARD GREASE EP2

NLGI 2 - Biodegradable EP Grease - EU Ecolabel certified
SKU: xxxxxx

PRODUCT OVERVIEW

NS EcoGuard Grease EP2 is a readily biodegradable extreme-pressure NLGI 2 grease built on a lithium / calcium soap and a fully saturated synthetic ester base oil. It is intended for total-loss and exposed lubrication points where grease may escape to water or soil, delivering the load-carrying capacity, water resistance and corrosion protection expected of a conventional EP grease without the environmental burden. NS EcoGuard Grease EP2 is certified under the EU Ecolabel, licence no. NL/027/034.

APPLICATIONS

Recommended for total-loss and exposed lubrication points in environmentally sensitive service: rudder stocks, propeller hubs and caps, wire ropes, winches, deck machinery and general greasing points on board, and for plain and rolling bearings, open gears, lock gates, pins and bushes in shore-based plant. Suitable for manual application, grease guns and centralised systems. Avoid mixing with barium or clay thickened products. Not a substitute where a molybdenum or graphite grease is specified.

SPECIFICATIONS

 Meets or exceeds: **ISO 6743-9 L-XCEB 2 | DIN 51502 KPE 2 K-30**

CHARACTERISTICS*

PROPERTY	TEST METHOD	VALUE
NLGI Consistency Grade	ASTM D217	2
Thickener Type	—	Lithium / Calcium
Base Oil Type	—	Saturated synthetic ester
Base Oil Viscosity @ 40°C, cSt	ASTM D445	150
Worked Penetration @ 25°C, 0.1 mm	ASTM D217	265 - 295
Dropping Point, °C	ASTM D2265	≥175
Operating Temperature Range, °C	—	-30 to +120

*The specifications above are for illustrative purposes and communicated for information only.

PROPERTIES & BENEFITS

Environmental Compliance

EU Ecolabel certification requires predominantly biodegradable constituents, no bioaccumulative substances, limited aquatic toxicity and a high renewable carbon content.

Water and Corrosion Resistance

Resists washout by rain and seawater and protects steel and copper alloys against corrosion in wet, salt-laden service.

Load Carrying Capacity

EP additives maintain film strength on heavily loaded bearings, pins and open gears, reducing wear and friction under shock loading.

Wide Temperature Range

The ester base oil gives good low-temperature pumpability in centralised systems and a stable film at elevated bearing temperatures.