

GLÄT MARINE COMPLEX GREASE

Product Description

GLÄT Marine Complex Grease is a high-performance marine grease formulated for continuous operation in saltwater, wet, and highly corrosive environments. Its calcium sulfonate complex thickener offers natural resistance to water, mechanical stress, and oxidation, while the robust EP additive system ensures protection under high load, shock, and vibration.

Ideal for marine decks, ship cranes, rudder bearings, winches, and submerged components, it combines extended lubrication life with unmatched corrosion resistance.

Application

- Ships, ferries, fishing vessels, tugboats
- Rudder mechanisms, anchor winches, davit systems
- Shipyard machinery and coastal installations
- Trailer wheel bearings in marine environments

Meets or Exceeds

- **NLGI Grade:** 2
- **DIN 51502:** KP2R-30
- **ISO 6743-9:** ISO-L-XC(F)IB2
- Exceeds requirements for heavy-duty marine and offshore applications

Product Features & Benefits

- Excellent resistance to saltwater, fresh water, and steam
- Maintains protective film under shock, load, and wet operations
- Offers long lubrication intervals and reduced maintenance frequency
- Prevents rust even during equipment downtime
- Ideal for both submerged and exposed marine conditions

Storage & Handling

- Store in a cool, dry place away from dust and moisture
- Reseal containers after use
- Avoid contamination with other greases or solvents
- Refer to MSDS for safety and disposal instructions

Typical Properties

Property	Method	Unit
Thickener Type	—	Calcium Sulfonate Complex
Base Oil Type	—	High VI Mineral / Semi-Synthetic
NLGI Grade	ASTM D217	2
Appearance	Visual	Smooth, tacky, light brown
Worked Penetration (60 strokes)	ASTM D217	265-295
Dropping Point	ASTM D2265	>280°C
4-Ball Weld Load	ASTM D2596	≥500 kg
Water Washout @ 79°C	ASTM D1264	≤1.5%
Salt Spray Corrosion Resistance	ASTM B117	≥500 hrs
Operating Temp Range	—	-30°C to +180°C
Mechanical Stability (Roll Test)	ASTM D1831	Excellent

