

Description

MAXFLUID Gear S2 OG 50 is a premium-grade, high-viscosity, bitumen-free lubricant designed for the lubrication of large open gears and wire ropes operating under heavy loads and extreme conditions.

Specially formulated to ensure superior adhesion, wear protection, and corrosion resistance, this grease performs reliably even in wet or dusty environments.

Performance Features & Benefits

Excellent Load-Carrying Capacity

Provides outstanding protection for heavily loaded open gears and high-pressure industrial equipment.

Superior Adhesion

Resists throw-off from gear teeth, reducing lubricant waste and providing consistent protection.

Outstanding Water Resistance

Maintains performance in wet, humid, or exposed environments, minimizing wash-off and corrosion.

Anti-Wear & Corrosion Protection

Prolongs equipment life with effective protection against pitting, wear, and rust, even in aggressive conditions.

Bitumen-Free, Environmentally Considerate

Safer for users and surroundings without compromising on heavy-duty performance.

Applications

MAXFLUID Gear S2 OG 50 is recommended for:

- Open gear systems on deck machinery, including winches, cranes, and anchor handling systems
- Wire ropes and mooring lines exposed to sea spray, salt, and friction
- Rudder and steering gear lubrication in submerged or semi-submerged components
- Hatch cover and ramp gear systems exposed to harsh marine environments

Product Advantages

- Premium high-viscosity, bitumen-free open gear grease
- Excellent load-carrying capacity
- Superior adhesion, resists throw-off
- Outstanding water resistance
- Reliable wear protection
- Effective corrosion protection
- Performs in wet or dusty environments
- Suitable for open gears and wire ropes
- Helps reduce maintenance needs

TYPICAL PHYSICAL CHARACTERISTICS

PROPERTIES	UNIT	METHOD	Gear S2 OG 50
Grade	-	-	50
Soap Type	-	-	Clay
Base Oil Kinematic Viscosity @ 40°C	mm ² /s	ASTM D445	870
Base Oil Kinematic Viscosity @ 100°C	mm ² /s	ASTM D445	50
Flash Point (COC)	°C	ASTM D92 / ISO 2592	Min 130
Timken OK Load	lbs	ASTM D2509	Min 50
Copper Strip Corrosion	rating	ASTM D4048	1b max

The values shown are typical characteristics and may vary within normal manufacturing tolerances.

Health and Safety

MAXFLUID Gear S2 OG 50 is a high-quality open gear grease intended for marine and industrial applications. Under normal operating conditions and when handled in accordance with recommended practices, the product is not expected to present significant health or safety hazards.

Avoid prolonged or repeated skin contact and prevent contact with eyes. Wear appropriate personal protective equipment (PPE), including protective gloves and safety glasses, when handling the product. Ensure good housekeeping practices to prevent slips caused by grease spills.

Store in tightly closed containers in a cool, dry, and well-ventilated area away from direct sunlight, excessive heat, and incompatible materials. Prevent product from entering drains, waterways, or soil.

For detailed information regarding safe handling, storage, transportation, and disposal, refer to the latest Safety Data Sheet (SDS) for MAXFLUID Gear S2 OG 50.