

SHELL GADUS S3 OG 2

SPECIAL PURPOSE OPEN GEAR AND WIRE ROPE GREASE

RECOMMENDED REPLACEMENT FOR SHELL MALLEUS GREASE OGM EXTRA HEAVY

DESIGNED TO MEET CHALLENGES

Shell Gadus S3 OG 2 is primarily designed for applications in mining equipment, shovels and excavators in open cut operations.

Shell Gadus S3 OG 2 is based on Aluminium Complex soap thickener dispensed in a high viscosity base oil containing enhanced extreme pressure-antiwear chemistry.

PERFORMANCE FEATURES

LOAD CARRYING CAPACITY UNDER SEVERE OPERATION CONDITIONS

- Shell Gadus S3 OG 2 contains selected components to help ensure excellent resistance to shock and permanent heavy load.

VERY HIGH MECHANICAL AND THERMAL STABILITY

- Shell Gadus S3 OG 2 thickener structure is designed to resist mechanical stress and high temperature.

WITHSTANDING SEVERE OPERATION CONDITIONS

- Like dust and dirt contamination, water, changes in temperature.

MAINTAIN OVER TIME ADHESIVE CHARACTERISTICS

- Formulated with performing and advanced polymer technology to help ensure durable protection.

APPLICATIONS

Typical applications for Shell Gadus S3 OG 2 are:

- Open gears
- Sticks
- Circle Rail and rollers
- Antifriction bearings
- Bushings.

OPERATING TEMPERATURE RANGE

- 0°C to 60°C

SPECIFICATIONS, APPROVALS AND RECOMMENDATIONS

MEETS THE REQUIREMENTS OF:

- Liebherr Specification.

TYPICAL PHYSICAL CHARACTERISTICS

CHARACTERISTICS	2
NLGI Consistency	2
Colour	Black
Soap Type	Aluminium Complex
Base Oil Type	Mineral
Solid Lubricant	Yes
Base Oil Viscosity (IP 71/ASTM D 445) @ 40°C mm ² /s	3200
@ 100°C mm ² /s	110
Cone Penetration worked @ 25°C 0.1mm (IP 50/ASTM D 217)	275–295
Dropping Point°C (IP 132/ASTM D 566-76)	240
4 Ball Test Kg (IP 236)	620
4 Ball Wear Scar mm (ASTM D 2266)	max. 0.7
4 Ball Load Wear Index (LWI) kg (ASTM D 2596)	120
Rust Test (ASTM D 1743)	Pass
Copper Strip (ASTM D 4048)	1b