

SHELL GADUS S3 V460XD

PREMIUM MULTI-PURPOSE HEAVY-DUTY GREASE WITH EXTRA SOLIDS

RECOMMENDED REPLACEMENT FOR SHELL ALBIDA MDX

DESIGNED TO MEET CHALLENGES

Shell Gadus S3 V460XD Grease is a premium heavy-duty grease designed for use in a wide range of industrial and mining applications. It is based on a high viscosity index mineral oil and lithium complex thickener. It contains selected additives to offer excellent high temperature oxidation performance and enhanced extreme pressure, anti-wear and anti-corrosion properties. It also contains molybdenum disulphide to provide additional resistance to shock loading.

PERFORMANCE FEATURES

WIDE OPERATING TEMPERATURE RANGE

- n Ball and rolling element bearings operating continuously at temperatures between -15°C and 150°C.

PROLONGED GREASE SERVICE LIFE

- n Enhanced oxidation resistance helps prolong grease life at higher temperatures, allowing extended re-greasing intervals.

EXCELLENT MECHANICAL STABILITY

- n Maintains consistency over long periods even in the most severe conditions.

FOR SHOCK LOADED CONDITIONS

- n Resists break down, softening and subsequent leakage under shock loads.

ENHANCE EXTREME PRESSURE AND ANTI-WEAR PROPERTIES

- n Rig tests confirm E.P. additives in Shell Gadus S3 V460XD prolong the life of bearings subject to heavy loads and shock loads.

LOW WATER WASH-OUT

- n Good water resistant properties.

EFFECTIVE CORROSION PROTECTION

- n Helps ensure components/bearings do not fail due to corrosion.

APPLICATIONS

- n Shell Gadus S3 V460XD Grease is used for the lubrication of shock loaded, heavy-duty slow moving bearings and non-bearing applications such as those found in large mobile mining equipment. Shell Gadus S3 V460XD Grease is available as NLGI 2 grease and also as an NLGI 1 version where a more pumpable grease is required.

SPECIFICATIONS, APPROVALS AND RECOMMENDATIONS

LISTED BY THE FOLLOWING OEMS:

- n Komatsu
- n Komatsu Trucks
- n Terex
- n Liebherr Trucks
- n P&H
- n BE (certified).

EXCEEDS THE SPECIFICATIONS OF:

- n Caterpillar.

TYPICAL PHYSICAL CHARACTERISTICS

CHARACTERISTICS	2
Colour	Black
Soap Type	Lithium/Complex
Base Oil Type	Mineral
Kinematic Viscosity (ASTM D 445) @ 40°C mm ² /s	460
@ 100°C mm ² /s	31
Dropping Point °C (IP 396)	250
4 Ball EP Test Kg (IP 239)	620
Molybdenum Disulphide Content %	5
Molybdenum Disulphide Particle Size (microns)	<5
Worked Penetration @ 25°C (ASTM D 17) (dmm)	265-295