

SHELL GADUS S4 V460D

ADVANCED MULTI-PURPOSE HEAVY-DUTY GREASE

PREVIOUSLY SHELL ALBIDA GREASE HDZX

DESIGNED TO MEET CHALLENGES

Shell Gadus S4 V460D Grease is a high performance high temperature grease for slow moving heavily loaded pins, bushes and large bearings subject to shock loads. They are based on PAO synthetic oil and high viscosity index mineral oil and a lithium complex thickener. Apart from containing the latest additives to ensure excellent high temperature, anti-corrosion and anti-oxidation performance, they also contain Mos2 to ensure the grease can handle shock loads. The enhancement of PAO synthetic base oil allows the grease to be pumped and perform in lubrication systems at much lower temperatures.

PERFORMANCE FEATURES

HIGH BASE OIL VISCOSITY TO PROVIDE EXCELLENT LOAD CARRYING PERFORMANCE

- Meets the recommended base oil viscosity recommended by leading OEMs.

EXCELLENT MECHANICAL STABILITY EVEN UNDER VIBRATING CONDITIONS

- Consistency retained over long periods, even in conditions of severe vibration.

ENHANCED EXTREME PRESSURE PROPERTIES AND RESISTANT TO SHOCK LOADS

- Excellent load-carrying performance enhanced by the presence of Mos2.

EXCELLENT WATER RESISTANCE

- Ensures lasting protection even in the presence of large amounts of water.

EFFECTIVE CORROSION PROTECTION

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

HIGH DROPPING POINT

- Resistant to high temperatures.

APPLICATIONS

Shell Gadus S4 V460D Greases are used for the grease lubrication of heavy-duty, slow moving pins and bushes and bearings subject to shock loads found in the following industries:

- Mining
- Steel.

RE-GREASING INTERVALS

For bearings operating near their maximum recommended temperatures, re-greasing intervals should be reviewed.

SPECIFICATIONS, APPROVALS AND RECOMMENDATIONS

LISTED BY THE FOLLOWING OEMS:

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

EXCEEDS THE SPECIFICATIONS OF:

- Caterpillar.

TYPICAL PHYSICAL CHARACTERISTICS

CHARACTERISTICS	2
Colour	Black
Soap Type	Lithium/Complex
Base Oil Type	Mineral/Syn
Kinematic Viscosity (IP 71/ASTM D 445) @ 40°C mm ² /s	460
@ 100°C mm ² /s	32.0
Cone Penetration worked @ 25°C 0.1mm (IP 50/ASTM D 217)	265–295
Dropping Point °C (IP 396)	250
4 Ball Weld Load kg (ASTM D 2596)	620