SHELL GADUS S2 V220AD

HIGH PERFORMANCE HEAVY-DUTY GREASE CONTAINING SOLID LUBRICANTS

RECOMMENDED REPLACEMENT FOR SHELL ALVANIA HDX AND SHELL RETINAX HDX 2

DESIGNED TO MEET CHALLENGES

Shell Gadus S2 V220AD is a very high performance grease for the lubrication of industrial bearings subjected to the most arduous conditions. It is based on high viscosity index mineral oil and a mixed lithium/calcium soap thickener and contains extreme-pressure, anti-oxidation, anti-wear, anti-corrosion and adhesion additives. It also contains molybdenum disulphide to provide resistance to shock loading.

PERFORMANCE FEATURES

GOOD OXIDATION AND MECHANICAL STABILITY

- Formulated to resist the formation of deposits caused by oxidation at high operating temperatures and maintains consistency, helping to reduce leakage.

GOOD CORROSION RESISTANCE

- Provides protection from the elements of corrosion.

FOR SHOCK LOADED CONDITIONS

- Helps to resist breakdown, softening and subsequent leakage under shock loads.

GOOD ADHESION PROPERTIES

- Helps to reduce losses and grease consumption.

EXTREME PRESSURE PERFORMANCE

- Rig tests confirm EP additives in Shell Gadus S2 V220AD help prolong bearing life when subjected to heavy and shock loads.

APPLICATIONS

- Shell Gadus S2 V220AD is recommended for the lubrication of shock loaded heavy-duty bearings working in damp hostile conditions.

TYPICAL PHYSICAL CHARACTERISTICS

CHARACTERISTICS	1	2
Colour	Black	Black
Soap Type	Lithium/ Calcium	Lithium/ Calcium
Base Oil Type	Mineral	Mineral
Kinematic Viscosity (IP 71/ASTM D 445) @ 40°C mm ^{2}/s @ 100°C mm ^{2}/s	 220 18	 220 18
Dropping Point °C (IP 396)	170	175
Cone Penetration worked at 25°C 0.1mm (IP 50/ASTM D 217)	310–340	265–295
4 Ball Weld Load Kg (IP 239)	315	315
Operating Temperature Range	-10°C–120°C	-10°C–120°C