

# SHELL GADUS S2 V1000AD

HIGH PERFORMANCE MULTI-PURPOSE HEAVY-DUTY 1000 AD GREASE WITH SOLIDS

PREVIOUSLY SHELL ALVANIA SDX 2

DESIGNED TO MEET CHALLENGES

Shell Gadus S2 V1000AD is a super high performance grease for the lubrication of industrial bearings subjected to the most arduous conditions. It is based on heavy-duty semi-synthetic base oils and a mixed lithium/calcium soap thickener. It contains extreme-pressure, anti-wear, anti-corrosion and adhesion additives. The addition of molybdenum disulphide provides additional resistance to shock loading.

## PERFORMANCE FEATURES

PROTECTS EQUIPMENT UNDER THE HEAVIEST LOADS

- Contains molybdenum disulphide and specially selected extreme pressure additives to provide lubrication under severe operating conditions such as shock loading, severe vibration and boundary lubrication conditions.

LONGER GREASE LIFE

- Excellent mechanical stability resisting breakdown and softening. Its efficient load carrying ability means that Shell Gadus S2 V1000AD typically performs longer than conventional lithium greases, allowing extended intervals between regreasing.

EXCELLENT WATER RESISTANCE

- Resists water washout ensuring lasting protection against corrosion and ingress of contamination.

SUPERIOR ADHESION

- Forms a tenacious film resisting leakage and flingoff to protect under the most arduous conditions.

## APPLICATIONS

- Shell Gadus S2 V1000AD is recommended for the lubrication of severe duty applications even in damp and hostile conditions including:
  - Heavy earth-moving pins and bushes.
  - Turntables.
  - Slow moving industrial journal and rolling element bearings.
- This grease is particularly suited where flingoff, water and vibration are problems and heavy shock loads are experienced. This grease is not recommended for high speed bearings.

## OPERATING TEMPERATURE RANGE

- 0°C to 130°C.

## TYPICAL PHYSICAL CHARACTERISTICS

| CHARACTERISTICS   | 2                   |
|---|---------------------|
| Colour  | Black               |
| Soap Type   | Lithium/<br>Calcium |
| Base Oil Type   | Semi-Synthetic      |
| Kinematic Viscosity (ASTM D 445)<br>@ 40°C mm <sup>2</sup> /s | 1000                |
| @ 100°C mm <sup>2</sup> /s                                    | 60                  |
| Dropping Point °C (IP 396)                                    | 184                 |
| Cone Penetration worked @ 25°C<br>0.1mm (IP 50/ASTM D 217)    | 265–295             |
| Timken OK Load N (ASTM D 2509)                                | 34                  |
| 4 Ball weld load Kg (ASTM D 2596)                             | 500                 |
| Water Washout %m (ASTM D 1264)                                | <3                  |