

## RB2-X GREASE

**Spanjaard RB2-X Grease** is a black, high quality lithium complex grease containing special extreme pressure additives, rust and oxidation inhibitors as well as molybdenum disulphide. **Spanjaard RB2-X Grease** can be widely used in anti-friction bearings or applications subject to slow or high speed, heavy loads and wet conditions.

### APPLICATIONS

**Spanjaard RB2-X Grease** is the heavy-duty service version of RB2 Grease containing extra MoS<sub>2</sub> for high load/shock conditions.

**Spanjaard RB2-X Grease** can be used for lubrication of slow and high speed ball or roller type bearings and bushes e.g. wheel bearings of all types of motor vehicles, roller and taper bearings of larger transport vehicles, chassis lubrication, universal joints, industrial bearings (electrical motor bearings) and bushes.

**Spanjaard RB2-X Grease** is well suited for extra heavy duty mining and construction vehicles, particularly those that operate in dusty or wet conditions.

The solid film lubrication formed by molybdenum disulphide provides enhanced lubrication under extremely severe operating conditions. The use of **Spanjaard RB2-X Grease** allows rationalisation of grades thus reducing inventory costs.

### APPLICATION INSTRUCTIONS

Apply by hand or grease gun. Compatible with other competitive lithium and lithium complex greases. It is always a good practice to flush out old grease when switching lubricants. This is achieved by frequent re-greasing over a short time span.

It is essential that dust and dirt do not get into the bearings and care must be taken to prevent this during grease storage and packing of bearings.

### HANDLING AND STORAGE

Store under cover with lid closed away from vibrating floor. Remove excess from skin and wash with Spanjaard Hand Cleaner followed by soap and water.

### TYPICAL PROPERTIES

|                                     |                      |
|-------------------------------------|----------------------|
| Consistency - NLGI grade            | 2                    |
| Worked Penetration, 25°C, 1/10 mm   | 285                  |
| Colour                              | Black                |
| Thickener                           | Lithium Complex Soap |
| Drop Point, °C                      | +230                 |
| Evaporation Loss @ 100°C,%          | 0,5                  |
| Dynamic Rust Test                   | <1                   |
| Copper Corrosion - 24hr/100°C       | Pass                 |
| Stability At Low Temperatures       | Pass                 |
| Oil Separation 18h @ 40°C,%         | 1                    |
| 168h @ 40°C,%                       | 3,1                  |
| Water Wash Out @ 38°C,%             | 1                    |
| @ 79°C,%                            | <4                   |
| Wear Scar Drum, 4 Ball 1hr @ 75°C,% |                      |
| 40kg, mm                            | <0,55                |
| Timken OK Load, kg                  | 27                   |
| EP Properties, 4 ball din 51350     | >350                 |
| Welding load, kgf                   |                      |
| Operating Temperature               |                      |
| Continuous service, °C              | -25 to 130           |
| Short period peaks, °C              | 220                  |

### BASE OIL PROPERTIES

|                                |      |
|--------------------------------|------|
| Oil Viscosity cSt, 40°C        | 210  |
| cSt, 100C                      | 17,0 |
| Flash Point, °C                | 250  |
| Bomb Oxidation Pressure Drop - |      |
| After 100hrs, psig             | <5   |



### PACKAGING

500 g; 5kg; 15kg; 50kg; 180kg.

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**Certified as an  
ISO 9001 Manufacturer  
by the SABS**

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