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## PRODUCT DATA

# SML 20000 B PLUS

### DESCRIPTION

SML 20 000 B plus is a straw yellow ultra high viscosity Synthetic ester to meet the demanding and severe operating conditions of heavily loaded gears. Traditionally bituminous lubricants met this purpose because of their high load carrying capacity and their low cost.

Bitumen is recognised as a health hazard and incurs high disposal costs but it has excellent high weld load performance. For this reason we have developed a people and food friendly lubricant with the four ball weld load performance to meet this need .

### TYPICAL SPECIFICATIONS

|                            |              |
|----------------------------|--------------|
| ISO Viscosity Grade        |              |
| Viscosity cst @ 40°C       | 20 000       |
| Viscosity cst @ 100°C      | 1010         |
| Pour Point ° C             | -33          |
| Flash Point °C             | 323          |
| Colour                     | Straw Yellow |
| Viscosity index            | >260         |
| Density @ 20°C             | 1.0285       |
| Typical biodegradability   |              |
| OECD 301 B %               | 10 to 95     |
| Renewable carbon content % | 0 to 100     |
| Four Ball                  |              |
| Weld ASTM D 2596 Kg        | 1000         |
| Wear ASTM D 2266 mm        | 0.61         |

### APPLICATIONS

- Heavily loaded gears
- Plain journal bearings
- High temperature chains
- Plastic Calender gears
- Metal working Deep drawing , Forming and Press fitting of steel

### BENEFITS

- Reduces wear. Friction modification
- Non gumming. Lower deposit formation.
- Long life . Thermal stability.
- High temperature performance
- Lower volatility than mineral oil
- Higher flash point
- Extended oil changes
- Natural Ultra High viscosity index
- Excellent polar solvents
- Highly resistant to oxidation
- Excellent thermal stability
- Low coking and deposit formation.
- Biodegradable without compromising performance
- Natural Detergent properties

### PACKAGING

25L

210L