



# Product Information

## SIN GREASE

The ultimate in synthetic performance, long-life, multipurpose greases when maximum performance with the least fuss is required.

### THE INGREDIENTS

Distinctively burgundy in colour SIN Grease is a calcium sulphonate complex grease made from advanced hydrotreated base oils, advanced anti wear and extreme pressure additives and a patented anti-oxidant that out performs the toughest standards.

### APPLICATIONS

Penrite SIN Grease is formulated to provide maximum protection for wheel bearings operating in the most severe operating conditions such as circuit racing and rally as well as many other forms of motorsport.

It is recommended for use in sealed-for-life bearings and other fill-for-life applications such as constant velocity (CV) joints and electric motors. Of course the on-track benefits mean longer life on the road as well.

It is recommended for use in equipment running continuously at temperatures up to 200°C and is suitable for equipment running intermittently up to 300°C. Penrite SIN Grease is recommended for use where protection is needed against heavy loading or where extremely wet or water spray conditions are encountered.

### CUSTOMER BENEFITS

- Long life – up to three times longer than normal lithium complex wheel bearing greases
- Outperforms other high temperature greases such as clays and polyureas.
- True multi-use application
- Excellent load carrying capacity
- Superb water resistance
- Handles extreme temperatures due to very high dropping point and a non-sacrificial oxidation inhibitor
- Environmentally responsible – contains no heavy metals and uses pure, hydrocracked base oils
- Suitable as a “life-pack” lubricant
- High Dropping Point and suitable for continuous high operating temperature use
- Strongly resists water wash-off
- Lengthens lubrication intervals
- Reduces down-time and maintenance costs
- Built-in/non-sacrificial anti-oxidant chemistry for long life and outstanding oxidation stability.

### INDUSTRY SPECIFICATIONS

Penrite SIN Grease is approved to and exceeds the performance requirements of:

NLGI GC/LB

NLGI 2

### Typical Properties

NLGI Grade	2
Base Oil Viscosity ISO	100
Four Ball Weld Load, kg	500
Bearing Life, hours (typical lithium complex grease is 80 hours)	240
Copper Corrosion	1a
Water Washout at 79°C, %	3
Drop Point, °C	314
Colour	Burgundy
Timken OK Load, kg	27



**Environment, Health and Safety**

Information is available by request on this product in the Penrite Material Safety Data Sheet. Information in this sheet is based on the most current information available. Minor variations to typical properties not affecting the performance of the product are to be expected in normal manufacture.

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