



# INDUS INDGEAR B

## Industrial Gear Oils

Issue: December 2015

| Product Code | Pack Size | Carton Qty |
|--------------|-----------|------------|
| IGB220205    | 205 Litre | 1          |
| IGB320205    | 205 Litre | 1          |
| IGB460205    | 205 Litre | 1          |



# PENRITE

### Description

**Indus Indgear B** oils are the ultimate premium performance borated mineral gear oils with synthetic-like heat resistance, formulated with a special, highly effective extreme pressure additive system. They provide outstanding protection against heat and reduce friction.

Available in ISO Grades 220, 320 and 460 and meets the requirements of API GL-5.

### Application

**Indus Indgear B** oils may be used in all types of slow or high speed industrial gear sets where API GL-3 oils are normally recommended. Specially suitable for high temperature applications where conventional gear oils are unable to handle heat stresses.

The high load carrying ability of the additive system allows the use of one ISO grade lighter than would normally be recommended. This, in combination with the advanced anti wear system provides reduced friction and heat loads, extended oil and equipment life as well as providing more efficient energy systems through less drag.

They are acceptable as lubricants in and around food processing areas where there is no possibility of food contact (NSF H2 level).

While contact with water should be avoided, Indus Indgear B oils will still provide excellent wear control in the presence of small amounts of water.

Also suitable for use in heavy duty truck and in motorsport gearboxes and differentials where API GL-5 oils are required.

### Product Benefits

- Long oil life
- Reduced wear leading to longer component life
- Reduced running costs and downtime
- Energy savings
- Will not harm bronze, copper alloy or white metal bearings
- Optimum thermal stability

### Industry Specifications

API GL-5

AIST (US Steel) 224

AGMA 9005 E02-EP

### Typical Data

|                           |            |            |            |
|---------------------------|------------|------------|------------|
| ISO GRADE                 | <b>220</b> | <b>320</b> | <b>460</b> |
| Equivalent SAE Grade      | 90/110     | 110/140    | 140        |
| AGMA Grade                | 5EP        | 6EP        | 7EP        |
| Density at 15°C, kg/L     | 0.890      | 0.896      | 0.899      |
| Viscosity, Kinematic, cSt |            |            |            |
| at 40°C                   | 220        | 320        | 460        |
| at 100°C                  | 19.0       | 24.0       | 30.3       |
| Viscosity Index           | 97         | 95         | 95         |
| Flash Point, °C           | 280        | 280        | 290        |
| Pour Point, °C            | -18        | -12        | -12        |
| Load Weld, ASTM 2783      |            |            |            |
| Index, kg                 | 56         | 56         | 56         |
| Point, kg                 | 250        | 250        | 250        |
| FZG Pass Stage            | >12        | >12        | >12        |

Information in this sheet is based on recent production. Minor variations to typical properties are expected in normal manufacture and do not affect product performance. An MSDS is available on request.



**PENRITE OIL COMPANY PTY LTD**, 88 Lewis Road, Wantirna South  
 Victoria AUSTRALIA 3152, ABN 25 005 001 525  
 Enquiries: Phone 1300-PENRITE (1300 736 748)  
 Fax: 1800-PENRITE (1800 736 748)  
 International: Phone: 61 3 9801 0877, Fax: 61 3 9801 0977  
 New Zealand Ph: 0800 533 698, Fax: 0508 736 748  
 United Kingdom and EU Ph: +44 (0) 1594 562357, Fax: +44 (0) 1594 564234  
 Website: www.penriteoil.com, Email: penrite@penriteoil.com

**PROUDLY AUSTRALIAN  
 FAMILY OWNED  
 SINCE 1926**

