

## **Ingear Oils**

*Premium, Heavy Duty Industrial Gear Oil Meeting Industrial Steel 224*

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**Ingear IGO** is a premium quality extreme pressure gear oil for use in enclosed gear boxes in industrial applications and may also be used for plain bearings where high loadings or stresses are encountered.

### **Summary of Benefits**

- Contains anti-corrosion additives that prevent problems arising from the entry of water through air vents particularly in high humidity conditions.
- Anti-oxidant additives substantially control the effects of high thermal loading that is encountered in enclosed gearboxes.
- These gear oils demulsify quickly preventing the carry-over of water and the formation of emulsions, thus giving longer lubricant and gear component life.

### **Specifications:**

- API GL3
- US Steel 224
- David Brown S1.53.101 (E)
- AGMA 9005-D94
- DIN 51517 (Part 3)

**Product Code:** 7020-7027

**Product Size:** 20L, 205L

## Ingear Oils

### Typical Characteristics:

|   | ISO:<br>68 | 100   | 150   | 220   | 320   | 460   | 680   | 1000  |
|---|------------|-------|-------|-------|-------|-------|-------|-------|
| Specific Density at 15°C (kg/L)                       | 0.87       | 0.89  | 0.91  | 0.91  | 0.925 | 0.92  | 0.922 | 0.90  |
| Kinematic Viscosity at 40°C mm <sup>2</sup> /s (cSt)  | 68         | 100   | 150   | 220   | 320   | 460   | 680   | 1007  |
| Kinematic Viscosity at 100°C mm <sup>2</sup> /s (cSt) | 9.1        | 11.4  | 15    | 19    | 25    | 30    | 40    | 55.8  |
| Flash Point OCO (°C)                                  | >220       | >210  | >215  | >215  | >215  | >215  | >285  | >220  |
| Pour Point (°C)                                       | -15        | -15   | -15   | -15   | -15   | -12   | -9    | -7    |
| Colour  | Clear      | Clear | Clear | Clear | Clear | Clear | Clear | Clear |

\*Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications and do not constitute a legal liability.

### Storage:

All packages should be stored under cover to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C.

### Health, Safety and Environment

A Material Safety Data Sheet (MSDS) is available for each product. Users should consult the MSDS, and follow the precautions outlined and comply with all laws and regulations concerning its use and disposal. Used packaging material should not be incinerated or exposed to flame. After use, protect your environment. Do not pollute drains, soil or water with used product.

The Materials Safety Data Sheet is available at Royal Precision Lubricants by email:  
[info@royallubricants.com.au](mailto:info@royallubricants.com.au).