



**THE INNOVATIVE  
AUSTRALIAN**

## Product Data Sheet

### **Syngear INGear Range**

*Heavy Duty, Full Synthetic Industrial Gear Oil*



**Syngear IGO** is a full synthetic gear oil range of high quality lubricants enhanced with sulphur/phosphorus extreme pressure additive technology providing outstanding thermal stability and high load carrying capacity.

#### **Summary of Benefits:**

- Clean gear additive technology ensures low deposit formation and enhanced filter life.
- Full Extreme Pressure (EP) performance gives maximum protection of gears against wear and shock-loading.
- Good water separation and de-emulsification characteristics means reduced down time through prolonged lubricant life and increased equipment reliability.
- High protection against corrosion and wear resulting in less maintenance.

#### **Specifications:**

- DIN: 51517 (Part 3)
- AGMA 9005 - D94
- US Steel: 224
- David Brown: Type E
- Hansen Transmissions
- Flender
- Suitable for Müller Weingarten equipment

**Product Code:** 7629-7634

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

V1.1 10/17

**WWW.ROYALLUBRICANTS.COM.AU**

**Brisbane:**

1-7 Potassium Street, Narangba,  
QUEENSLAND, AUSTRALIA 4504

**Tel: +61 7 3203 0089 Fax: +61 7 3203 3700**

**...DRIVEN BY PERFECTION**

**Melbourne:**

40 Kimberley Road, Dandenong South,  
VICTORIA, AUSTRALIA 3175

**Tel: +61 3 9768 2441 Fax: +61 3 9768 3325**

# Product Data Sheet

## Syngear INGear Range



### Typical Characteristics:

	150	220	320	460	680	1000
Density at 15°C (kg/L)	0.85	0.86	0.86	0.87	0.88	0.89
Kinematic Viscosity at 40°C mm <sup>2</sup> /s (cSt)	151	220	320	460	680	1008
Kinematic Viscosity at 100°C mm <sup>2</sup> /s (cSt)	17.7	23.3	40.6	54.1	71.0	75.5
Viscosity Index ASTM	129	131	181	184	182	148
Flash Point ASTM 92 (°C)	>220	>220	>220	>220	>220	>220
Pour Point ASTM 97 (°C)	-54	-45	-48	-48	-42	-40
Load Wear Index	51	51	51	51	51	51
Weld Load	200	200	200	200	200	200

\*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 Safety Data Sheet (SDS) is available for each product. Users should consult the SDS, 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 Safety Data Sheet is available at Royal Precision Lubricants website [www.royallubricants.com.au](http://www.royallubricants.com.au) or by email: [info@royallubricants.com.au](mailto:info@royallubricants.com.au).

V1.1 10/17

**WWW.ROYALLUBRICANTS.COM.AU**

**Brisbane:**

1-7 Potassium Street, Narangba,  
QUEENSLAND, AUSTRALIA 4504

**Tel: +61 7 3203 0089 Fax: +61 7 3203 3700**

**...DRIVEN BY PERFECTION**

**Melbourne:**

40 Kimberley Road, Dandenong South,  
VICTORIA, AUSTRALIA 3175

**Tel: +61 3 9768 2441 Fax: +61 3 9768 3325**