

## Syngear Road Ranger 50

Full Synthetic Manual Gear Box Oil



Syngear Road Ranger 50 is a purpose designed, premium performance, synthetic based non-EP lubricant for manual transmissions. Provides protection for non-synchronised heavy-duty manual transmissions and automated manual transmissions (AMT's) which do not require EP type gear oils. The extremely high viscosity index and very low pour point provide a tough, highly adhesive film to give superior protection against wear to gear-teeth and bearings.

### Summary of Benefits

- Provides maximum protection to gearboxes under the most arduous operating conditions where high heat and heavy load are major factors in modern trucks.
- Contains anti-wear, anti-foam, oxidation, corrosion and rust inhibiting additives which are harmless to copper or soft alloy bearing materials which are often used in these types of transmissions.
- High viscosity index ensures effective lubricant over a wide range of temperatures allowing for use in a variety of applications. Reduces friction improving fuel consumption.

### Specifications:

- API: GL-1/3, MT-1
- Arvin Meritor 0-81
- Caterpillar TO-4, TO-4M
- Komatsu KES 07.868.1 (2002)
- Eaton PS-164 rev 7
- Ford: ESW-M2C-85-A
- General Motors: HN1223 for non-EP or mild EP type lubricants
- Mack TO-A Plus
- ZF TE-ML-03C, 07F

Product Code: 9430

Product Size: 20L

Version 2.2 10/2017

Victoria  
40 Kimberly Road, Dandenong South, Victoria Australia 3175  
PO Box 4580, Dandenong South, Victoria Australia 3164  
Telephone: 61 +3 9768 2441 Fax: 61+3 9768 3325

Queensland  
Cnr Boundary Road & Potassium Street, Narangba, Queensland Australia,4504  
PO Box 139, Deception Bay, Queensland, Australia, 4508  
Telephone: 61 +7 3203 0089 Fax: 61 +7 3203 3700



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### Typical Characteristics:

Grade ISO	220
Grade (Gear Class)	SAE 90
Grade (Engine Class)	SAE 50
Kinematic Viscosity at 40°C mm <sup>2</sup> /s (cSt)	137.5
Kinematic Viscosity at 100°C mm <sup>2</sup> /s (cSt)	18.6
Viscosity Index	153
Flash Point COC (°C)	226
Pour Point (°C)	-24

\*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).

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