



**THE INNOVATIVE
AUSTRALIAN**

Product Data Sheet

Syngear Road Ranger 40

Full Synthetic Manual Gear Box Oil



Syngear Road Ranger 40 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. Specially formulated to improve fuel economy for extended drain or severe service applications.

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-386
- Eaton PS-164 rev 7
- General Motors: HN1223 for non-EP or mild EP type lubricants
- Mack TO-A Plus
- Navistar MPAPS B-6816 Type II
- ZF TE-ML-03C, 07F
- Ford: ESW-M2C-85-A

Product Code: 9429

Product Size: 20L, 205L, 1000L

Version 1.0. 24/7/2019

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Typical Characteristics:

Grade ISO	220
Grade (Gear Class)	SAE 90
Grade (Engine Class)	SAE 40
Kinematic Viscosity at 40°C mm ² /s (cSt)	95
Kinematic Viscosity at 100°C mm ² /s (cSt)	14.8
Viscosity Index	163
Flash Point COC (°C)	230
Pour Point (°C)	-40

*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 or by email: info@royallubricants.com.au

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