



**THE INNOVATIVE  
AUSTRALIAN**

## Product Data Sheet



### **OptiDrive 80W-90**

*Limited Slip, Extreme Pressure Gear Oil*

*OptiDrive 80W-90 is a semi-synthetic, thermally stable, extreme pressure gear oil. It is formulated with top tier extreme pressure additives supplemented with anti-wear additives to provide maximum protection. It also contains limited slip protection and is an excellent multi fleet gear oil.*

*OptiDrive 80W-90 is engineered to provide excellent performance in heavy duty limited-slip differentials, axles and final drives where extreme pressure and shock loading is a common occurrence. OptiDrive 80W-90 is suitable for Earthmoving, Transport including Road Train, Agricultural and passenger car manual transmissions, spiral bevel and hypoid final drive differentials and steering gear boxes operating under severe service conditions where a GL-4 or 5 lubricant is specified.*

#### **Summary of Benefits**

- Good thermal stability and resistance to oxidation extends drain intervals
- Formulated to provide extended life
- Excellent problem solving gear oil
- Reduce wear and maintenance costs
- Excellent low speed / high torque anti wear characteristics
- Excellent protection against deposits and sludge for extended drive train life

#### **Specifications:**

- API: GL-5, GL-6, PG-2, MT-1
- SAE Viscosity: 80W-90
- SAE: J-2360
- Arvin Meritor: O-94
- BTR: 5M-31, 5M-36
- DAF:
- Iveco:
- Mack: GO-J
- MAN: 342M2
- Ford: M2C 105-A, M2C 197-A
- GM: HN 1181, HN 1187, HN 1386, HN 1561
- Scania: STO1:0
- US Military: MIL-PRF-2105E
- Volvo: 97321
- Ford: M2C 1006-A/B, M2C 1013-A, M2C 104-A
- ZF: TE-ML 05A/C, 07A, 08, 12L/N, 16F, 17B, 19C, 21A

**Product Code: 4021**

**Product Size:** 20L, 205L, 1000L

V1.0 10/22

Brisbane:  
1 Potassium Street, Narangba  
Queensland, AUSTRALIA 4504  
Tel: +61 7 3203 0089

Melbourne:  
40 Kimberly Road, Dandenong South  
Victoria, AUSTRALIA 3175  
Tel: +61 3 9768 2441

Townsville:  
13 Elquestro Way, Bohle, Townsville  
Queensland, AUSTRALIA 4818  
Tel: +61 7 3203 0089

Perth:  
A 11/550 Canning Hwy, Attadale  
Western Australia, AUSTRALIA 6156  
Tel: +61 8 6461 6868

**...DRIVEN BY PERFECTION**

**royallubricants.com.au**



**THE INNOVATIVE  
AUSTRALIAN**

## Product Data Sheet

### **OptiDrive 80W-90**

#### **Typical Characteristics:**

Viscosity @ 40°C cSt	162
Viscosity @ 100°C cSt	16.8
Viscosity Index	110
Density @ 15°C (kg/L)	0.894
Flash Point COC (°C)	>230
Pour Point (°C)	-35

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

V1.0 10/22

Brisbane:  
1 Potassium Street, Narangba  
Queensland, AUSTRALIA 4504  
Tel: +61 7 3203 0089

Melbourne:  
40 Kimberly Road, Dandenong South  
Victoria, AUSTRALIA 3175  
Tel: +61 3 9768 2441

Townsville:  
13 Elquestro Way, Bohle, Townsville  
Queensland, AUSTRALIA 4818  
Tel: +61 7 3203 0089

Perth:  
A 11/550 Canning Hwy, Attadale  
Western Australia, AUSTRALIA 6156  
Tel: +61 8 6461 6868

**...DRIVEN BY PERFECTION**

**[royallubricants.com.au](http://royallubricants.com.au)**