

# Balmerol® PRD Plus 20W-40

## Superior Quality Multigrade Crankcase Oil

Technical Data Sheet

### Product Description:

Balmerol PRD Plus 20W-40 is designed as superior quality, multigrade, long drain crankcase oil for gasoline as well as diesel engines. Balmerol PRD Plus 20W-40 is blended from selected premium basestock and synergistic additives for good detergency, dispersancy, oxidation resistance, anti-corrosion and antiwear properties. Balmerol PRD Plus 20W40 has strong built in alkaline reserve to combat corrosive wear associated with the use of high sulfur fuels.

Balmerol PRD Plus 20W-40 meets the following specifications:

- API – CF4
- Mack T 8A
- US Military MIL-L-2104 C performance levels
- IS: 13656 – 2002 Type EDL3

### Features & Benefits:

Balmerol PRD Plus 20W-40 provides the following benefits:

- Resists formation of hard piston deposits and varnish at high operating temperatures
- Reduces soft sludge formation associated with low engine temperatures in periodically idling conditions
- High protection against wear, ensuring maximum equipment life
- Extends oil drain period due to enhanced dispersancy
- Very good oxidation stability
- Reduces maintenance and operating costs

### Applications / Recommendations:

- Recommended for use in turbo charged diesel engines, naturally aspirated diesel engines as well as heavy duty petrol engines.
- Suited for usage in extreme climatic conditions.

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## Typical Properties:

Balmerol PRD Plus 20W-40	
Properties	PRD Plus 20W-40
Colour & Appearance	Clear & Bright
Viscosity, ASTM D 445, cst @ 100°C	14.5 - 16.0
Viscosity Index, min, ASTM D 2270	115
Pour Point, °C ASTM D 97	-21
Flash Point, (COC), °C, ASTM D 92	215
TBN, mg KOH/g, min, ASTM D 2896	10.0
Foam stability after 10 min. of settling time, quantity of foam, ml, max ASTM D892	
a) at 24 °C	Nil
b) at 93.5 °C	Nil
c) at 24 °C after test at 93.5 °C	Nil
Apparent Viscosity, cp at -20 °C, max. ASTM D5293	9500
Borderline pumping temperature (°C), max, ASTM D 3829	-20

## Health and Safety:

Balmerol PRD Plus 20W-40 is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. For MSDS please contact your local Balmer Lawrie Marketing / Technical Service team.

For Further Information, contact:

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