

# Balmerol® PRD series CF

Heavy Duty Diesel Engine oil

**Product Data Sheet**

## Product Description

BALMEROL PRD is designed as superior quality top grade long drain crankcase oils for diesel engines as well as gasoline engine. Balmerol PRD is blended from selected premium base oils and synergistic additives for good detergency, dispersancy, oxidation resistance, anti corrosion and anti-wear properties. Balmerol PRD resist formation of hard piston deposits and varnish at high operating temperatures and also reduce soft sludge formation associated with low engine temperatures in periodically idling conditions. Balmerol PRD have strong built-in alkaline reserve to combat corrosive wear associated with the use of high sulfur fuels.

## Features and 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 insuring maximum equipment life
- Extends oil drain period due to enhanced dispersancy
- Very good oxidation stability
- Reduces maintenance and operating costs

## Applications

Balmerol PRD is recommended for use in turbo charged diesel engines, naturally aspirated diesel engines as well as heavy duty gasoline engines. Oil drain period of Balmerol PRD is significantly increased due to enhanced dispersancy. Balmerol PRD meet API CF/CD, US Military MIL-L-2104 C performance levels and exceed IS: 13656-1993 Type EDL3 specifications.

## Availability

BALMEROL PRD is available in 209 liter and 20 liter packing.

## Technical Data

BALMEROL PRD API CF						
No	Characteristics		Method	Specification		
				SAE 30	SAE 40	SAE 50
1	Appearance		Visual	Clear & Bright	Clear & Bright	Clear & Bright
2	Colour		Visual	Dark brown	Dark brown	Dark brown
3	Kinematic Viscosity @ 100°C, cst		ASTM D-445	10 - 12	14 - 16	18 - 21
4	Viscosity Index		ASTM D-2270	95 min	90 min	90 min
5	Flash point, COC, °C		ASTM D-92	215 min	220 min	230 min
6	Total base number, TBN, Mgm KOH/gm		ASTM D- 2896	10 min	10 min	10 min
7	Foaming tendencies / stabilities					
	a )	Sequence I, ml	ASTM D-892	20 / 0 max	20 / 0 max	20 / 0 max
	b )	Sequence II, ml		50 / 0 max	50 / 0 max	50 / 0 max
	c )	Sequence III, ml		20 / 0 max	20 / 0 max	20 / 0 max
8	Pour point, °C		ASTM D-97	(-) 6 max	(-) 6 max	(-) 6 max

## Health and Safety

Balmerol PRD 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 further information, contact:

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