

# Balmerol® PRD API CF

Automotive Engine oil

Product Data Sheet

## Product Description

BALMEROL PRD API CF series are designed as superior quality top grade long drain crankcase oils for gasoline as well as diesel engines. PRD API CF series are blended from selected premium base oils and synergistic additives for good detergency, disperancy, oxidation resistance, anti corrosion and anti-wear properties. PRD API CF series 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. PRD API CF series have strong built in alkaline reserve to combat corrosive wear associated with the use of high sulfur fuels.

## Applications

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

## Availability

BALMEROL PRD API CF series are normally available in drum and pail.

## Typical Data

Balmerol PRD API CF (Automotive Engine oil)					
No	Characteristics	Method	30	40	50
1	Appearance	Visual	Clear & Bright		
2	Colour	ASTM D 1500	2.0		
3	Kinematic Viscosity @ 100°C, cst	ASTM D 445	11.05	15.58	18.40
	Kinematic Viscosity @ 40°C, cst	ASTM D 445	89	145	185
4	Viscosity Index	ASTM D 2270	110	110	110
5	Flash point, COC, °C	ASTM D 92	235	235	235
6	Total base number, TBN, Mgm KOH/gm	ASTM D 2896	10.5	10.5	10.5
7	Foaming tendencies / stabilities				
	a)	Sequence I, ml	ASTM D 892	5 / 0	
	b)	Sequence II, ml		25 / 0	
	c)	Sequence III, ml		5 / 0	
8	Pour point, °C	ASTM D 97	(-) 6		

## Health and Safety

Balmerol PRD API CF Series is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Safety Data Sheet (SDS) are followed.

For further information, contact:

**PT. Balmer Lawrie Indonesia**

Graha STR 2<sup>nd</sup> floor suite 203, Jl. Raya Ampera No. 11 Ragunan, Jakarta Selatan, Indonesia

Tlp : 021-781 8162 ; Email : [cs@bli.co.id](mailto:cs@bli.co.id) ; Website : [www.bli.co.id](http://www.bli.co.id)