



# Peregrine

## Additives & Lubes

### **PAL FORCCE PLUS**

Last Revision: 25/07/19

#### Heavy Duty Diesel Engine Oils

#### Description

PAL FORCCE PLUS oils are high quality diesel engine lubricants that fight soot and prolong engine lifespan through effective wear protection and outstanding oxidation/stability imparted by special additives. These engine oils are designed to lubricate a wide range of engines used in the road transport and construction industries. Peregrine FORCCE PLUS show improved oil consumption control and are suitable for year-round use

#### Performance Standards

SAE	10W-30	10W-40	15W-40	20W-50
API	CF-4/SG	CF-4/SG	CF-4/SG	CF-4/SG
Allison	C-4	---	C-4	---
Caterpillar	TO-2	---	TO-2	---
Daimler	MB 227.1	MB 227.1	MB 227.1	MB 227.1

#### Features

- Improved soot control
- Highly resistance to oxidation and oil thickening
- Potential fuel economy benefits
- Keeps engine cleaner and more efficient
- Lower operating costs by improving engine durability and reducing down time

#### Applications

- Highly recommended for high speed four-stroke diesel engines
- Suitable for gasoline engines requiring an API SG engine oil.
- Can be used in transmissions where similar engine oils are specified

**6318 Union Ave.  
Shreveport LA, 71106  
318-222-8787**



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### Typical Properties

SAE Grade	10W-30	10W-40	15W-40	20W-50
Density@15°C, kg/L	0.876	0.880	0.881	0.896
Viscosity@40°C, cSt	78.0	106.0	119.0	175.0
Viscosity@100°C, cSt	11.57	15.21	15.50	18.80
Viscosity Index	140	150	136	120
CCS @ -15°C, cP	---	---	---	8600
CCS @ -20°C, cP	---	---	6300	---
CCS @ -25°C, cP	6200	6200	---	---
Flash Point, °C, COC	224	226	228	232
Pour Point, °C	-33	-33	-27	-21
TBN, mg KOH/g	10.5	10.5	10.5	10.5

Typical values do not constitute as specifications. Due to continual product research and development, the information contained herein is subjected to change without notification

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