



Peregrine

Additives & Lubes

PAL TORQUE

Last Revision: 25/07/19

High Performance Mineral Engine Oils

Description

PAL TORQUE is a series of high performance multi-grade engine oils suitable for use in four-stroke engines. Formulated with premium mineral base stocks and advanced additive systems. Proprietary additives reduce oil thickening caused by the breakdown of engine oil during severe operations. Its high detergency and dispersant properties provide improved engine cleanliness.

Performance Standards

- API SL/CF (10W-40 & 20W-50 grades)
- API SJ/CF (15W-40)
- API SG (20W-50)

Features

- Excellent resistance to oxidation
- Excellent anti-sludge properties
- Excellent multi-grade stability in service
- Outstanding engine cleanliness
- Excellent protection against rust and corrosion

Applications

- Recommended for a wide range of current US, European engines as well as Japanese and Korean models in all service condition requiring an API SL/CF or API SJ/CF or API SG oil

Typical Properties

API SL/CF

SAE Grade	10W-40	20W-50
Density@15°C, kg/L	0.870	0.888
Color ASTM	2.5	2.5
Viscosity@40°C, cSt	99.5	175.0
Viscosity@100°C, cSt	14.1	18.8
Viscosity Index	150	125
CCS @ -15°C, cP	---	8100
CCS @ -25°C, cP	6390	---
Flash Point, °C, COC	224	232
Pour Point, °C	-30	-21
TBN, mg KOH/g	7.3	7.3

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API SJ/CF

SAE Grade	15W-40
Density@15°C, kg/L	0.884
Color ASTM	2.5
Viscosity@40°C, cSt	106.2
Viscosity@100°C, cSt	14.4
Viscosity Index	139
CCS @ -20°C, cP	5990
Flash Point, °C, COC	228
Pour Point, °C	-24
TBN, mg KOH/g	6.5

API SG

SAE Grade	20W-50
Density@15°C, kg/L	0.892
Color ASTM	3.0
Viscosity@40°C, cSt	175.7
Viscosity@100°C, cSt	18.8
Viscosity Index	125
CCS @ -15°C, cP	7300
Flash Point, °C, COC	236
Pour Point, °C	-24
TBN, mg KOH/g	5.1

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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