

PSP X-SHIELD 10W-40 CJ-4

Product Data Sheet

PSP X-SHIELD 10W40 CJ-4 is a fully synthetic heavy-duty diesel engine oils with long drain capability that meet the API CJ-4 specification. They provide excellent protection in severe on- and off-highway operations of modern, high performance diesel engines with Exhaust Gas Recirculation (EGR) and After-treatment Systems with Diesel Particulate Filters (DPFs) and Diesel Oxidation Catalysts (DOCs). It is particularly recommended for motor vehicles that are manufactured with exhaust gas purification systems complying with emission requirements of the Euro IV, Euro V and Euro VI standards.

Applications

- High performance heavy duty diesel applications especially the newest low emission engines fitted with DPF, SCR, DOC and EGR technology
- New and old turbocharged and naturally aspirated diesel engines, both on-highway and off-highway, running on high or ultra low sulphur diesel
- On-Highway Short-Haul and Long-Haul Trucks and Buses
- Off-Highway Mining, Construction and Agricultural Equipment

Features and Benefits

- Exceptional protection for exhaust after-treatment system such as DPF and DOC with low ash additive system
- Superb engine performance with extended oil drain intervals capability especially with ultra low sulphur diesel
- High-level reserve of alkalinity and persistent acid neutralization provides capability for long oil drain interval
- Exceptional soot dispersancy, preventing deposits on critical engine components and provide excellent protection from soot induced wear
- Superb thermal and oxidation stability that minimized low temperature sludge build-up and high temperature deposits
- Superb shear stability helps to reduce viscosity breakdown and oil consumption under heavy duty, high temperature operating conditions

Performance Standards

API CJ-4

ACEA E9-12/E7-12/E6-12/E4-12

MB-Approval 228.31/228.51/235.28

MAN M 3271-1/3477/3575

MTU Oil Category 2.1/3.1

Volvo VDS-4

Mack EO-O PREMIUM PLUS

RVI RLD-2/RLD-3

Cummins CES 20081

Scania Low Ash

Caterpillar ECF-3

Deutz DQC IV-10 LA

DDC PGOS 93K218

ASO DH-2

Voith Class B

PSP X-SHIELD 10W-40 CJ-4	
Appearance	Bright & Clear
Density @ 15°C (kg/l)	0.867
Viscosity, ASTM D445	
cSt @ 100°C	17.71
Viscosity Index, ASTM D 2270	165
Cold Cranking @ -15°C (cP)	8621
Total Base Number, mgKOH/g	13
Pour Point °C, ASTM D97	-29
Flash Point, PMCC, °C	230

The characteristics are typical of current production. Whilst future production will conform to PSP Lubricants' specification, variations in these characteristics may occur.