



Lubricants

## MARATRON LSP 10W-30 CK-4

### HEAVY DUTY PREMIUM DIESEL ENGINE OIL

#### DESCRIPTION

Veedol Maratron LSP 10W-30 CK-4 is advanced technology heavy duty premium diesel engine oil specially developed for modern generation, high-output, low-emission engines including those with particulate filters and other advanced after treatment systems.

Veedol Maratron LSP 10W-30 CK-4 is recommended for use in a wide range of heavy-duty applications delivering longer oil life, enabling longer service intervals even under severe operating conditions.

Veedol Maratron LSP 10W-30 CK-4 is fully backward compatible and delivers exceptional performance in both newer and older heavy duty engine designs. It is effective at sustaining emission control system durability where particulate filters and other advanced after-treatment systems are used. It is formulated for use in all applications with diesel fuel sulphur content ranging from ultra-low to 500 ppm.

Veedol Maratron LSP 10W-30 CK-4 oil is designed to provide enhanced protection against oil oxidation, viscosity loss due to shear, and oil aeration as well as protection against catalyst poisoning, particulate filter blocking, engine wear, piston deposits, degradation of low- and high-temperature properties, and soot-related viscosity increase.

#### PERFORMANCE SPECIFICATIONS

Meets & Exceeds performance requirements of

- API CK-4 • Mack EOS-4.5 • Volvo VDS 4.5 • CES 20086 • Detroit DFS 93K222
- MB 228.31 • Ford WSS M2C171-F1 • MTU Category 2.1 • Renault RLD-4 • DQC III-10 LA

#### APPLICATIONS

Recommended for use in heavy duty diesel engines including Euro-VI & Bharat Stage-VI modern low emissions vehicles, utilizing particulate filters and other advanced after treatment systems.

#### FEATURES/BENEFITS

- Improved oxidation and wear control provides superior performance in extreme conditions.
- Excellent soot and viscosity control for greater engine efficiency and longer oil life.
- Reduced oil consumption.
- Exceptional cold temperature properties including easy startup.
- Good piston cleanliness, lesser deposits.
- Excellent control over valve-train and bore polishing wear.
- Overall enhanced wear & corrosion protection for reduced maintenance cost and longer engine life.
- Compatible with API CJ-4 engine oils and older.
- Low ash formulation meeting API CK-4/CJ-4 requirements.

#### CHARACTERISTICS

Test Parameter	Test Method	Typical Value
Kinematic Viscosity @ 100°C, cSt	ASTM D 445	10.8
Viscosity Index	ASTM D 2270	154
Flash Point, (COC) °C	ASTM D 92	228
Pour Point, °C	ASTM D 97	-39
CCS Viscosity @ -20°C, mPa.s	ASTM D 5293	6100