

# Motosel SAE 10W-30

## HEAVY DUTY DIESEL ENGINE OIL

### MOTOSEL Heavy Duty 10W-30 CK-4 / Diesel Engine Oil

MOTOSEL Heavy Duty 10W-30 CK-4 / Diesel Engine Oil is a premium quality "universal" crankcase oil recommended for diesel and gasoline engines used in automotive, heavy duty trucking, construction, mining and farm equipment and operating under severe service and climatic conditions. It is designed for use in both turbocharged and naturally aspirated diesel and gasoline engine.

MOTOSEL 10w30 CK-4 are low emission and energy saving multi grade diesel engine oils formulated according to the latest technology. Motosel 10w30 CK-4 is produced from the best quality synthetic base oils and special additives approved by major car manufacturers such as: Volvo, Benz, Mack, MAN, Caterpillar, Scania, Komatsu, and DAF, ... Motosel's formulation has taken into consideration all conditions throughout the four seasons of the year and under severe loads or heavy-duty conditions and also ability to protect engine.

### Benefits and Applications

- SAE 10W-30 CK-4 meets or exceeds API service classifications CK-4
- Meets the needs of all 4-stroke engines in a fleet that call for an SAE 10W30 CK-4 viscosity motor oil
- Satisfies requirements for naturally aspirated, supercharged and turbocharged engines
- Meets the needs of older engines in on-highway service



### TYPICAL CHARACTERISTICS - SAE 10W-30 CK4 HEAVY DUTY

SAE GRADE		10W-30
API SERVICE		CK-4
API Gravity	ASTM D287	31.1
Flash Point, COC °C	ASTM D92	232
Pour Point, °C	ASTM D97	-39
Viscosity @ 40°C, cSt	ASTM D445	80.0
Viscosity @ 100°C, cSt	ASTM D445	11.94
Viscosity Index	ASTM D2270	144
CCS, mPa-sec	ASTM D5293	5326
Total Base No. TBN	ASTM D2896	8.86

Test Method ASTM - Typical test data are average values only. Minor variations, which do not affect performance, may occur.

**HANDLING AND SAFETY INFORMATION** - Refer to MOTOSEL (SDS) Safety Data Sheets for proper handling and safety information. Use the same care and handling as for any petroleum product. Nothing herein shall be deemed to constitute a warranty, express or implied, that said information or data are correct or that the products described are merchantable or fit for a particular purpose, or that said information, data or products can be used without infringing patents of third parties.



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