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TECHNEWS

MULTIPOWER®-3 ULTRA Heavy Duty SAE 15W-40

FEATURES & Benefits – It offers a number performance upgrades versus the earlier API CI-4 Plus/CI-4 categories:

- Emission system compatible – Prevents premature diesel particulate filter (DPF) plugging. Enhanced protection for exhaust aftertreatment devices such as diesel oxidation catalysts (DOCs).
- Added soot control – Excellent soot dispersancy to protect against abrasive soot-induced oil thickening and related wear.
- Excellent shear stability protection – Provides high oil film strength for high temperature protection. Protects engine by staying in grade.
- Greater corrosion protection – It neutralizes more corrosive acids and reduces engine corrosion, particularly in idle equipment.
- Reduced oxidative thickening – Maintains low temperature performance by providing enhanced oxidation resistance.
- Reduced valve train wear – Protects against abrasive wear and extends engine life.
- Reduced Piston deposits – Maintains engine power and fuel efficiency by reducing piston deposits.

API CJ-4 Performance: Multipower®-3 ULTRA SAE 15W-40 exceeds the performance requirements of API CJ-4, CI-4 PLUS, CI-4, CH-4, CG-4 and SM. Suitable for use in '07 EPA compliant low emission engines.

APPLICATIONS

Multipower®-3 ULTRA is a premium quality heavy duty engine oil designed for use in 4-stroke diesel engines designed to meet 2007 on-highway exhaust emission standards. It is recommended for applications listed below:

- Diesel trucks (On-highway) equipped with exhaust after-treatment devices.

- Older diesel engine technologies equipped with EGR or non EGR engines.
- Off-highway construction, mining and earth moving equipment.
- Mixed fleets with gasoline and diesel fueled engines.

Note: For applications not using Ultra low Sulfur Diesel (ULSD) fuel consult the engine manufacturer for recommended service interval.

PERFORMANCE

Meets or exceeds requirements for:

- API CJ-4, CI-4 Plus, CI-4, CH-4, CG-4, SM
- Cummins CES 20081
- Mack EO-O Premium Plus
- Caterpillar ECF-3
- Volvo VDS-4
- Detroit Diesel Power Guard 93K218

Warranty Validation: Meets the latest warranty requirements for nearly all commercial diesel and gasoline powered equipment.

Caution! Customers are advised to check the motor oil recommendations for their equipment. Engine manufacturers recommend specific viscosity grades of motor oil for certain ambient temperature ranges. Use of a motor oil outside its recommended temperature range can cause lubrication related problems and lead to permanent engine damage. Marathon cannot be responsible for the misapplication of Multipower®-3 ULTRA.

TYPICAL PROPERTIES		
SAE Grade		15W-40
Viscosity, cSt@100°C		15.7
Viscosity Index		135
Pour Point, °C		-30
Sulfated Ash, % Wt		1.0
Total Base Number		10