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FUEL SAVINGS  
CALCULATOR

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**Champion Synthetic UltraFleet 5W-30** is our top-of-the-line fleet oil designed for the fleet manager that is absolutely focused on return on investment, lifetime operating costs, and improving profitability. Blended with synthetic PAO base oils, ground-breaking detergent-inhibitor chemistry and some of the most shear-stable thickener in the business, these oils have what it takes to stand up to the toughest challenges of heavy-duty hauling in the most extreme temperatures. Not to mention, improve fuel economy and profitability for forward-thinking fleet operators.

**Fuel** is biggest expense for fleets, clocking in at 40% of average operational costs.

**Champion Synthetic UltraFleet 5W-30** ultra-high performance diesel oil has been shown to reduce fuel consumption in fleet tests designed to mimic heavy hauling. By switching from a conventional 15W-40 oil to **Champion UltraFleet 5W-30** long-haul trucks (Class 8) improved fuel economy by 2%, and stop-and-go trucks (Class 6) improved fuel economy by 4.5%. Add increased profits to better shear stability, oxidation control, reduced wear, and easier cold-starts and you have oil that revolves around the needs of trucking fleets!

Meets the following specifications:

- API CJ-4, CI-4 Plus
- DDC 93K218
- MAN M3477, M3677, M3271-1
- MTU Type 3.1
- Volvo CNG
- Cummins CES 20078 and 20081
- API SN
- MB 228.51/228.31/235.28
- Renault RXD, RLD-3, RLD-2
- Caterpillar ECF-3
- Deutz DQC IV-10 LA
- Mack EO-O PP 07, EO-N PP, EO-M P
- ACEA E6/E9/E7
- Volvo VDS-4, VDS-3
- Voith Retarder Class B
- Scania Low Ash
- JASO DH-2

Recommended for on and off-road engines from all major manufacturers including Cummins, Mack, Volvo, Detroit Diesel, International, Navistar, John Deere, Mercedes, Mitsubishi, Nissan, and more!

**Fuel savings, Class 8 Long-Haul, SAE J1321**

		15W-40	Champion 5W-30
<b>Fuel Economy Improvement, %</b>			<b>2.0</b>
Avg Fleet Economy, mpg		6	6.12
Diesel Cost, \$/gal	4.00		
Annual Mileage, miles	100,000		
<b>Fuel Savings, \$/truck</b>			<b>1,308</b>

*Fuel savings compared to 15W-40 baseline oil*

**TYPICAL PROPERTIES**

TBN (ASTM D2896) mgKOH/g	= 10
Viscosity@100C, (ASTM D445), cSt	= 11.4
Cold Crank (ASTM D4182), cP	= 6,090
High Shear Viscosity (ASTM D4683), cP	= 3.50
NOACK Volatility (ASTM D5800), %wt	= 11.6

Effective 04/13