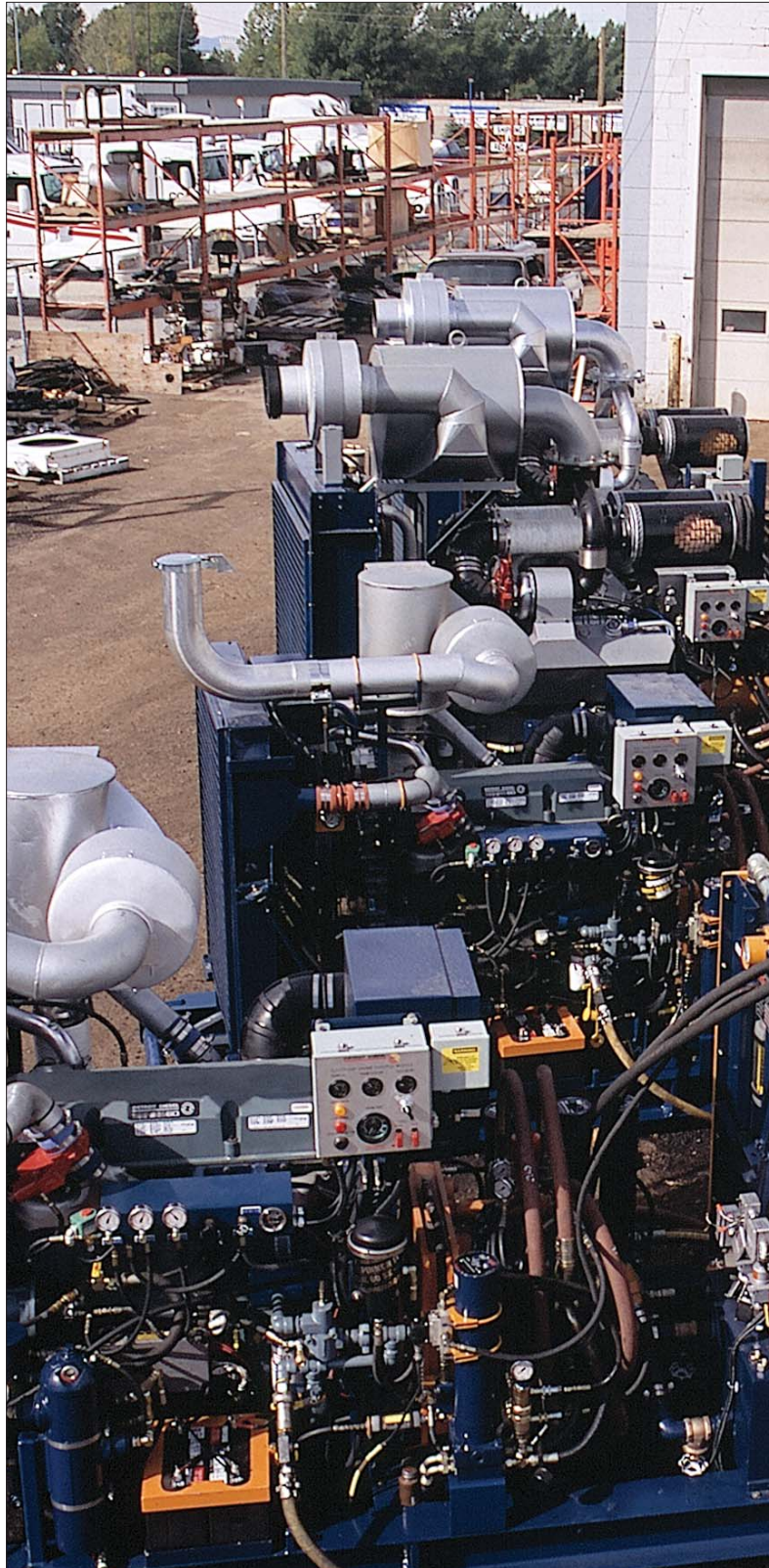




# ULTREX™ Synthetic Blend CJ-4 Motor Oil SAE 15W-40

BULLETIN 83100e



**Synthetic blend, multi-grade diesel or gasoline motor oil formulated for severe duty and extended drain intervals.**

## UP TO 4 TIMES LONGER LIFE

**P**rovides Superior Protection Against Deposit Formation, Oil Breakdown, Parts Wear and Loss of Compression on all TESCO Engines on Power Units, Except 92 Series Detroit Diesel Engines.

- Synthetic Blend Formula is Engineered for Extended Drain Intervals\*
- Excellent Performance with EGR, ACERT, ASET and Turbo Charged Equipment
- Superior Thermal Stability for Higher Temperature Operation
- High Detergent Retention Prevents Deposit Build-up
- Contains SOLUMOL\*\* for Superior Wear Protection
- Highly Resistant to Oxidation for Longer Oil Life
- High TBN Reserve Provides Extended Acid Neutralization
- High V.I. Number Provides Stable Viscosity Over a Wide Temperature Range
- Superior Cold Cranking and Oil Pumpability at Low Temperature
- Compatible with Synthetic, Synthetic Blend, and Mineral Based Motor Oils

\* Always use oil analysis to establish new drain intervals

\*\* SOLUMOL is an oil soluble synthetic Molybdenum Compound

### Meets or Exceeds the Following Performance Requirements:

- Mack EO-O Premium Plus
- Volvo VDS-4
- API CJ-4, CI-4 Plus, CI-4, CH-4, SM
- Mercedes Benz Approval 228.3 and 228.31
- MTU Type 2
- Cat ECF-1-a, ECF-2, ECF-3
- MAN 3275
- Cummins CES 20081
- ACEA E7-04 (2004)
- Renault RVI RLD-3
- Detroit Diesel DDC 93K218

### Part Number Order Information:

5 USgal/19 L Pail #731134-19L  
55 USgal/208 L Drum #731134-208L  
330 USgal/1248 L Tote #731134-1248L

## A TOTAL ADDITIVE PACKAGE THAT SETS IT APART FROM ALL OTHER MOTOR OILS

### ADDITIVES

#### Premium Synthetic Grade Base Oil

Highly-refined, oxidation-resistant synthetic blend base oils provide exceptional, long-term lubrication to reduce friction, decrease heat and prevent wear.

#### Acid Neutralizers

Prevents the formation of various acids and sludge. Outlasts conventional oils by up to 300% due to its high residual TBN.

#### Friction Reducers Anti-Wear Agents

Plates out on metal surfaces to prevent friction and wear under heavy loads. Prevents dry starts. Forms a lubricant film on metal surfaces in the presence of heavy loads and high temperatures. Prevents cold welding.

#### Shear Stabilizers

Increase surface viscosity and improve shear stability to carry heavier loads, withstand extreme pressures and prevent shock impact.

#### Dispersants

Keep sludge, carbon, soot, varnish and gum suspended in the oil and carry them to the filter. Prevent deposits on high-contact surfaces.

#### Detergents Oxidation Inhibitors Corrosion Inhibitors

Keep surfaces clean and free of deposits that cause wear and increase blow-by. Extend service life of the lubricant by retarding the oxidation or break down process. Shield sensitive metals against acids and other corrosive compounds.

#### Rust Inhibitors Viscosity Index Improvers

Plate metal surfaces to retard metal deterioration and reduce abrasive rust contaminants. Maintain full viscosity over a wider temperature range to ensure full protection in fluctuating conditions. Eliminate the need to switch oil grades in different seasons.

#### Pour Point Depressants

Keeps oil flowing properly in cold temperatures. Lowers frictional drag and keeps equipment running in temperatures.

#### Solumol

An oil soluble synthetic molybdenum compound that plates onto the metal to provide exceptional wear.

## PHYSICAL PROPERTIES

PROPERTIES	15W-40		
Specific Gravity (API):	30.6	Flash Point:	225°C (438°F)
Viscosity, CCS:		Pour Point:	-40.6°C (-41°F)
cP @-20°C (-4°F), Max:	4543	ASTM D130 Corrosion:	1A
Viscosity SUS:		Foam Suppression:	
cSt @40°C (104°F):	117.5	Sequence I:	0
cSt @100°C (212°F):	14.75	Sequence II:	0
SUS @37.7°C (100°F):	608	Sequence III:	0
SUS @98.8°C (210°F):	81.6	Sulphated Ash, %:	0.85
Viscosity Index:	138	TBN:	14

## USED FOR:

Compatible with gasoline or diesel engines or combustion engines which have been converted to natural gas.

## NOT FOR:

Not compatible with 2-cycle gasoline engines that mix oil with fuel.

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