



ULTREX[™] Synthetic Multi-Grade Gear Oil 75W-90

BULLETIN 81500e



**Superior protection
against extreme
temperatures, oxidation,
water contamination
and foaming.**

UP TO 4 TIMES LONGER LIFE

Provides Superior Equipment Protection for all TESCO EMI 400, 450, 900, 1350 Electric Top Drive Gear Boxes.

- Prevents Rust and Corrosion
- Displaces Water for Easy Drainage
- Controls Foaming
- Resists Oxidation to Prolong Oil Life
- Conditions Seals and Gaskets
- Wide Temperature Range - 75W-90 from -40° C to 107° C (-40° F to 225° F)

**Meets or Exceeds the Following
Performance Requirements:**

- All API GL-3, GL-4 and GL-5 (most GL-1 and GL-2 applications)
- DIN 51517 Part 3
- David Brown S1.53.101
- Military Specification MIL-PRF-2105E
- Viscosity Ranges 3EP, 4EP and 5EP
- AGMA 250.04

Part Number Order Information:

5 USgal/19 L Pail #731136-19L
55 USgal/208 L Drum #731136-208L
330 USgal/1248 L Tote #731136-1248L

A TOTAL ADDITIVE PACKAGE THAT SETS IT A PART FROM ALL OTHER GEAR OILS

ADDITIVES	
Synthetic Grade Base Oil	PAO and Group III oil base blend that resists breakdown to provide longer oil life. Provides superior lubrication at a wider temperature range.
Anti-Wear Agents	Forms a lubricant film on metal surfaces in the presence of heavy loads and high temperatures. Prevents cold welding.
Friction Reducers	Plates out on metal surfaces to prevent friction and wear under heavy loads.
Rust and Corrosion Inhibitors	Blocks out corrosive elements such as acids, water, condensate and steam by forming a protective barrier on equipment surfaces to prevent chemical wear.
Extreme Pressure (EP) Agents	Heat seeking additive which increases the ability of the lubricant to prevent the extreme wear that can occur under loads.
Oxidation Inhibitors	Extends service life of the lubricant by retarding the oxidation or breakdown process.
Shock Load Reducers	Cushions impact to minimize the stress, vibration and chatter that can occur under heavy loads and during start-stop operations.

PHYSICAL PROPERTIES

PROPERTIES	75W-90
PH @ 100%	N/A
% Volatile by Volume	Nil
H2O Solubility	Insoluble
Specific Gravity	0.86
Color	Tan
Odor	Oily
Clarity	Transparent
Evaporation Rate	N/E
Flash Point	134° C (273° F)
Viscosity Index	147
CST. @ 40° C (104° F)	122
CST. @100° C (212° F)	16.6
Operating Range	-40° C to 107° C (-40° F to 225° F)
Foam Test	Pass
Base Number	2.3
% Sulfonated Ash	0.25
% Phosphorous	0.14
% Sulfur	2.4
Nitrogen	0.09
% Boron	0.02

USED FOR:

Power Dividers; Gear Trains; Bronze Gears up to 93.3° C (200° F) and Gear Boxes including enclosed gears of spur type, hypoid, spiral bevel, worm, herringbone, helical, planetary and unusual combinations of gear types; Differentials; Limited-Slip Differentials; Simple Manual Transmissions; Axles.

NOT FOR:

Gear boxes that only allow the use of GL-1 gear oil/motor oil. Never mix with asphaltic-type or "SCL"-type lubricants.

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