TECHNICAL DATA

M 600 - SUPREME GEAR LUBRICANT GTC-150

M 600 Supreme gear GTC 150 lubricant is a shear stable, thermally stable and durable gear lubricant that is recommended for use in all types of automotive, enclosed & industrial gear drive applications.

FEATURES:

- Ultra Thermal and oxidative stability
- Exceptional high film strength
- Superior tackiness agent that cling to the gear set
- Excellent extreme pressure properties to protect the gears and bearings from excessive wear and fatigue.
- Anti-foaming, help to reduce operating temperature.
- Protects hypoid gear from wear and scuffing.
- Prevention of the formation of sludge and carbon deposits that erode the seals.
- Excellent seal compatibility.
- Enhanced protection of copper, brass and bronze components from corrosion.
- Non-corrosivity to brass, bronze and other non-ferrous metal parts.
- Excellent resistance to water and moisture.
- Enhanced gear, bearing and seal cleanliness.
- A vast reduction in the formation of deposits.

PRODUCT INFORMATION:

Ultra Thermal & Oxidative Stability: M 600 has its superior capability in control excessive heat build up and stabilize oxidation process, provide protection against formation of sludge, carbon, varnish and excessive viscosity increase.

ADHESIVENESS & COHESIVENESS: M 600 has excellent Adhesive properties. Because of these excellent adhesive properties it will not wash out, pound out, splatter or squeeze out under the heaviest load or vibrations.

TYPICAL SPECIFICATIONS: GTC-150

SAE Grade	**80w90**
ISO VG	150
Specific Gravity 60 F/15 C	.8816
Brookfield Viscosity (ASTM D-2983) @ -15 F/ -26 C cP	130,000
Four Ball EP Test (ASTM D-2783) Weld point kg	315
Viscosity Index	99
Load wear	55
Four Ball Wear Test (ASTM D-4172) Scar Diameter, mm	.25
F Z G (Four Sequence Gear Test (ASTM D-5182, A/8.3/90	13 stage
Flash Point F/C (ASTM D-92)	445/229
Fire Point F/C (ASTM D-92)	480/249
Falex continuous Load (ASTM D-3233) Procedure A Failure Load, lbs	2500
Oxidation Test (ASTM D-2893) % Viscosity increase after 312 hours at 95 C	3%
Cst 40 C (ASTM D-445)	255-270
Cst 100 C (ASTM D-445)	27.00 – 32.00
Viscosity Index (ASTM 2270)	109
Copper Strip Corrosion Test (ASTM D-130)	1a
Total Free Water ml	81
% water in oil	1
Emulsion, ml	Trace