

## ULTRACHEM 75W-90 and 80W-140 SYNTHETIC GEAR LUBRICANTS

### Applications:

Ultrachem 75W-90 AND 80W-140 gear oils are high performance fully synthetic drive train lubricants designed to meet the most demanding extended drain and warranty requirements. These products are engineered for use in heavy duty manual transmissions, axles and final drives that require gear lubricants with high viscosity and load-carrying capability. They have excellent performance in heavy duty industrial gear drives including hypoid and worm gears operating under conditions where high speed/shock load, high speed/low torque conditions exist. The additive technology provides excellent protection of gears and bearings and provides superior oxidative and thermal stability to the gear oil.

### Typical Industrial Applications:

- Heavy Duty Manual Transmissions
- Axles
- Final Drives
- Industrial Gear Drives, i.e. Hypoid, Worm Gears
- Bearings
- *NOT* intended for use in automatic, manual or semi-automatic transmissions where engine oil or automatic transmission fluids are recommended

### Performance Benefits:

- Exceptional thermal stability and resistance to high temperature oxidation
- Extended service capability and excellent fuel economy
- Extended gear and bearing life due to minimal deposits, longer seal life
- Outstanding protection against low speed/high torque wear and high speed scoring
- Increased load-carrying capability. Reduced maintenance costs and longer equipment life
- Exceptional shear stability
- Retention of viscosity and film strength under severe operating conditions to prevent wear
- Excellent rust, staining and corrosion protection of copper
- Readily meets the requirements of longer drain interval applications
- Easily meets the requirements of ArvinMeritor O-76Q, DANA SHAES, 256 Rev C, Navistar, SAE J2360, GL5, Mack GO-J, MT-1

TYPICAL PROPERTIES	TEST METHOD	Ultrachem 75W-90	Ultrachem 80W-140
SAE Grade	SAE J-300	75W-90	80W-140
Viscosity @ 40°C,cSt	ASTM D445	120	310
Viscosity @ 100°C,cSt	ASTM D445	14.8	26.6
Flash Point, °C/°F	ASTM D92	220/428	210/410
Pour Point, °C/°F	ASTM D97	-48/-54	-36/-33
AGMA Lubricant Number	---	4 EP	---
Specific Gravity	ASTM D1298	0.869	0.870

#### HEALTH & SAFETY

To obtain an MSDS on this or any other Ultrachem product, please contact your representative.

#### TECHNICAL SUPPORT

To learn more about Ultrachem products and applications please contact us at [info@ultracheminc.com](mailto:info@ultracheminc.com)



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