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## Product Description

D-A GearTec™ is designed to meet the lubrication needs of gear trains and differentials requiring the use of an extreme pressure lubricant, including limited-slip type configurations. This product is formulated with quality base oils and carefully selected additives resulting in a product which will provide excellent antiwear protection under heavy loads while also guarding against rust and corrosion even when the system is idle. Special inhibitors are also present which limit oil oxidation and deposit formation even at high operating temperatures.

D-A GearTec™ is available in two multigrades to provide optimum protection. These multigrades are formulated without the use of viscosity modifier additives to ensure maximum in-service viscosity retention and minimized gear wear.

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### Product Features and Benefits

Unique balance of extreme pressure additives *extends equipment life through minimized gear wear.*

Limits wear during equipment start-up and acceleration, as well as during extreme loading conditions, *by minimizing metal-to-metal contact, providing exceptional heavy load protection during low speed/high-torque service.*

Specially formulated *to control rust and corrosion of all types of metal surfaces.*

Chemically compatible *with soft sensitive yellow metals such as brass, bronze and copper.*

Quality base oils and antioxidant additive *produce a lubricant with excellent resistance to high temperature degradation for longer lubricant life.*

Incorporated chemistry *maintains film strength by eliminating viscosity loss.*

## Service Applications

All Gear Oil applications requiring a GL-5 or SAE J2360 (formerly MIL-PRF-2105E) including:  
Most automobile manual transmissions and differentials, including limited-slip  
Off-highway mobile equipment and industrial machinery requiring an EP gear lubricant.

Dana (Spicer) differentials  
Eaton (Fuller) differentials  
Mack GO-J

Meritor (Rockwell) differentials  
Ross and Saginaw steering systems  
Wheel bearings

### Typical Properties:

	80W-90	85W-140	90
SAE Grade	80W-90	85W-140	90
API Service Classification	GL-5	GL-5	GL-5
AGMA Lubricant Number	4EP	7EP	5EP
Viscosity			
@ 100°C, cSt	14.1	28.3	20.0
@ 40°C, cSt	140.3	415	240
@ -12°C, cP	—	57,500	—
@ -26°C, cP	139,000	—	—
Viscosity Index, Minimum	95	95	95
Flash Point °F (°C)	430 (221)	460 (238)	445 (229)
Channel Point, Pass @ °F (°C)	-30 (-35)	-5 (-20)	-20 (-28)
API Gravity @ 60°F	27.2	25.5	26.5
Copper Strip Corrosion	1b	1b	1b
Timken OK Load, Pounds	50	50	50
Anti-Scoring Performance Test (L-42)			
Ring Gear, % Scoring	Nil	Nil	Nil
Pinion Gear, % Scoring	Nil	Nil	Nil
High Speed-Low Torque Test (L-37)			
Gear Tooth Surface Condition	No Distress	No Distress	No Distress
Low Speed-High Torque Test (L-37)			
Gear Surface Fatigue	None	None	None
Gear Wear	Trace	Trace	Trace
Moisture Corrosion Axle Test (L-33)			
Gear & Bearing Condition	Clean	Clean	Clean
Gear & Bearing Condition	No Corrosion	No Corrosion	No Corrosion
Oxidation Stability (TOST)	Excellent	Excellent	Excellent
FZG, Pass Stage	12	12	12

**To Order D-A Products, Call 1-800-OIL-LUBE (1-800-645-5823)  
Or Fax orders to (317) 923-3884**

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