

## Product Description

D-A HydroGuard™ gear oil is designed to separate and shed water in applications where water is inevitable. Whether it is a result of a working environment, such as in a dredging operation, precipitation or moisture condensation, water can get into the lower gear case of a crane's travel mechanism and contaminate the gear lubricant. HydroGuard is an excellent choice for protection of gears in wet applications.

## Product Features and Benefits

Specifically formulated for use in wet applications, to minimize moisture-accelerated wear on gear teeth.  
Quick water separation characteristics allow the oil to continue performing in tough applications in the presence of water.  
Water is easily physically separated to permit draining from the gear case whenever necessary.

## PRODUCT AT A GLANCE

- Separates and sheds water quickly
- Excellent lubrication in wet applications
- Supports the performance requirements of API GL-5 applications
- Gear oil



**D-A Lubricant Company, Inc.**

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## Typical Applications

Crawler Cranes  
Shovels  
Truck Cranes  
Pullshovels  
Draglines  
Hydraulic Excavators  
Cable/Hydraulic Excavators

Supports the performance requirements of lubricants for cargo loading at marine ports, mining, sand and gravel, dredging, excavating, oil fields, quarries and construction *where there is a wet working environment or exposure to condensation and rain.*

## Typical Properties

### Typical Properties:

SAE Grade	SAE J-306	85W-140
AGMA Lubricant Number	AGMA	7EP
API Service Classification	API	GL-5
Viscosity		
@ 100°C, cSt	ASTM D445	27.9
@ 40°C, cSt	ASTM D445	402
@ -12°C, cSt	ASTM D2983	84,000
Viscosity Index	ASTM D2270	95
Channel Point Pass, °F (°C)	FTM-3456	-5 (-20)
Flash Point, °F (°C)	ASTM D92	450 (232)
API Gravity @ 60 °F (°C)	ASTM D287	25.5
Copper Strip Corrosion	ASTM D130	1b
Timken OK Load, Pounds	ASTM D2509	50

Drum, 55 Gal	14032
Quarter Drum, 16 Gal	14036
Pail, 5 gal	14038

To Order D-A Products, Call 1-800-OIL-LUBE (1-800-645-5823) or Fax orders to 765-482-3065

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