

## Product Description

D-A Hydra Z™ is a light colored hydraulic fluid specifically designed to support the performance requirements of off-road construction equipment where heavy-duty diesel oils are recommended and preferred. This fluid is formulated to far exceed 900 ppm zinc anti-wear additive, while also containing rust and corrosion inhibitors. Hydra Z hydraulic fluid will also disperse small amounts of water to limit pump damage when water contamination is unavoidable.

Hydra Z is formulated with long service life high viscosity index base stocks providing high-performance protection against scuffing in hydraulic pumps and motors used in high pressure systems.

## Product Features and Benefits

Extra antiwear additive limits mechanical wear in low and high pressure vane pumps for longer pump life and reduced operating cost.

Contains detergents and dispersant additives to minimize the formation of deposits and to act as emulsifiers to suspend water - thus preventing "slugs" of water from damaging hydraulic system components.

Special highly effective inhibitors protect against metal corrosion in the toughest service environments.

Low chlorine, less than 1 ppm, to protect systems that can be damaged by chlorine containing fluids.

Basic detergents neutralize corrosive acids that form during high temperature service.

## PRODUCT AT A GLANCE

- Hydraulic Fluid
- High Zinc ppm
- Antiwear



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

801 Edwards Drive, Lebanon, IN 46052 • TEL: 317.923.5321 • FAX: 765.482.3065 • EMAIL: [dalube@dalube.com](mailto:dalube@dalube.com)  
[www.dalube.com](http://www.dalube.com)



## Typical Applications

Supports the performance requirements of:  
 API CD/CF applications  
 Vickers 35VQ25  
 Hydraulic Power Systems, when engine oils are recommended  
 Rotary Air Compressors

## Typical Properties

ISO Viscosity Grade		46	68
SAE Viscosity Grade	J-600	10W	20W
Appearance		Light color	Light color
Viscosity, typical			
@ 100°C, cSt	ASTM D445	6.6	8.7
@ 40°C, cSt	ASTM D445	42.7	65.0
Viscosity Index, typical	ASTM D2270	105	105
Borderline Pumping Temp., °C	ASTM D3829	-30	-20
Cold Cranking Viscosity			
@ -25°C	ASTM D5293	6900	n/a
@ -15°C	ASTM D5293	n/a	4000
Flash Point			
°F	ASTM D92	410	425
°C	ASTM D92	210	218
Zinc, ppm typical	ASTM D4951	1090	1090
Gravity, API	ASTM D287	28.8	28.5
Total Base Number	ASTM D4739	5	5
Chlorine, ppm typical	ASTM D808-11	<1	<1
	Drum, 55 Gal	55342	55352
	Pail, 5 Gal	55348	n/a
	4-1 Gal Case, net 4 Gal	55344	n/a

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

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

801 Edwards Drive, Lebanon, IN 46052 • TEL: 317.923.5321 • FAX: 765.482.3065

Email: [dalube@dalube.com](mailto:dalube@dalube.com) • [www.dalube.com](http://www.dalube.com)

