

# Hydra Z™



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## Product Description

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

HydraZ 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.

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## 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.*

Designed to *comply with Caterpillar hydraulic fluid recommendations.*



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## Service Applications

API Service Categories CD/CF

Vickers 35VQ25

Caterpillar Machinery

Hydraulic Power Systems, when engine oils are recommended

Rotary Air Compressors

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### Typical Properties:

ISO Viscosity Grade	46	68
SAE Viscosity Grade	10W	20W
Appearance	Light color	Light color
Viscosity, typical		
@ 100°C, cSt	6.6	8.7
@ 40°C, cSt	42.7	65.0
Viscosity Index, typical	105	105
Borderline Pumping Temp., °C	-30	-20
Cold Cranking Viscosity		
@ -25°C	6900	—
@ -15°C	—	4000
Flash Point		
°F	410	425
°C	210	218
Zinc, ppm typical	1090	1090
Gravity, API	28.8	28.5
Total Base Number	5	5
Chlorine, ppm typical	<1	<1

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

D-A Lubricant Company, Inc.

1340 W. 29th Street, Indianapolis, IN 46208 (317) 923-5321 • (317) 923-3884 FAX

www.dalube.com • dalube@dalube.com