

HYDRAULIC OIL ADDITIVE

OIL ADDITIVE

PRODUCT DESCRIPTION

Hydraulic Oil Additive is intended for use as a friction modifier additive when added to hydraulic fluids and motor oils. Hydraulic Oil Additive improves the flow characteristics of most hydraulic systems by modifying the bulk properties of the hydraulic oil. By improving flow characteristics, Hydraulic Oil Additive improves sluggish hydraulic operations and eliminates the “stick-slip” on noisy hydraulic cylinders.

The unique polar chemistry of Hydraulic Oil Additive provides a thin layer of boundary lubrication on demand under load bearing operations. Hydraulic Oil Additive improves low temperature performance to help eliminate drag, which causes jerky or sluggish operation. Hydraulic Oil Additive does not contain any solid lubricants and will not form any type of permanent coating on cylinders.

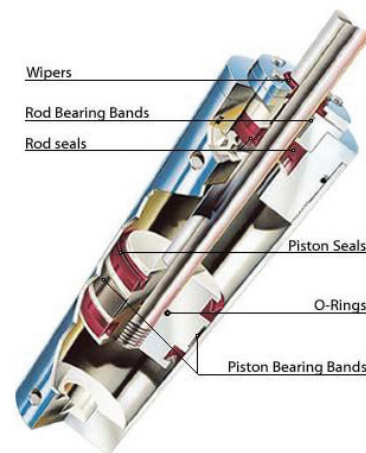
PRODUCT BENEFITS

- Improve hydraulic fluid performance with polar boundary lubrication technology
- Relieves stick-slip and chattering on noisy hydraulic cylinders
- Improves load bearing capacity
- Improves low temperature performance
- Does not contain PTFE, graphite, molybdenum disulfide or any other solid lubricants

TYPICAL PROPERTIES

Appearance	Clear pale yellow fluid
Specific Gravity (g/ml)	0.961
Flash Point (COC)	545°F (286°C)
Viscosity (40°C)	182 cSt
Viscosity (100°C)	17 cSt
Viscosity Index	96
Acid Value, mg KOH/g	1.20
Hydroxyl Value, mg KOH/g	185
Pour Point	-15°F (-26°C)

APPLICATION



Recommended Dosage:

Add 2 quarts per 100 gallons, and then an additional 1-2 quarts if noise persists.

Do not use this product in steering, clutch, brake, transmission systems, or if they are part of a common hydraulic tank.

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EFFECTS ON ELASTOMERS

Elastomers	Average % Volume Change*	
Viton	+1.1%	
Buna N	+0.5%	
Butyl	+2.5%	
EPDM	+2.2%	

*Tested using 1% hydraulic oil additive with a representative hydraulic oil.

DUROMETER (TYPE A) HARDNESS CHANGE TESTING

Elastomers	Average Hardness Change	
Viton	+1%	
Buna N	+1%	
Butyl	-2%	
EPDM	-2%	

PRODUCT NUMBER

KYN ADD 610
KYN ADD 620

32 FL OZ (1 QT/.946 L) Jug
400 LB (181.4 KG) Drum

HEALTH AND SAFETY

For health and safety guidance, please refer to the Chemtool SDS (Safety Data Sheets).

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www.kynetxproducts.com Manufactured in the USA

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