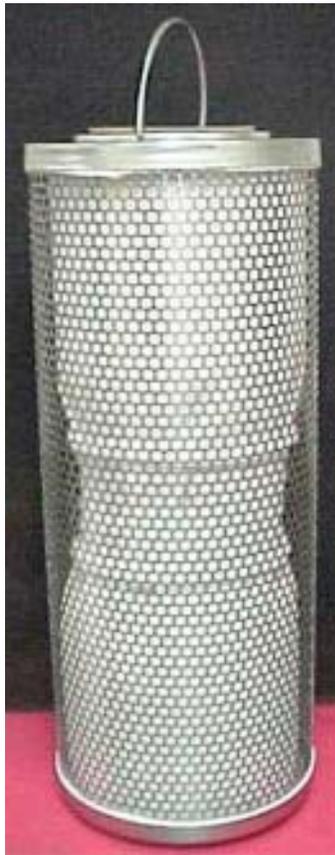


# “New” DR Series Dry Ion Exchange Resin Cartridges



The newly developed Hilite Opti-Dri (Dry E) cartridge features a predried ion exchange resin with controlled expansion technology (patent pending).



ET718-DR-03ZXC0

## Benefits

- Removes metal soaps
- Increases resistivity
- Increases fluid life
- Minimizes corrosion risk
- Absorbs water from wet systems
- Negates fluid disposal issues

## Advantages

- Most effective acid scavenger
- Does not add water to the system
- No dust migration
- Controlled expansion eliminates risk of bursting in high-acid environments
- Increased acid capacity
- Extended shelf life
- No extractable metal content

## Features

The new HILCO DR features patent pending controlled expansion technology to permit the ion exchange resin to safely swell without bursting as it scavenges acid and water.

The patented HILCO DR series Ion Exchange filled cartridges also feature Opti-Dry (Dry-E) resin. Opti-Dry reduces the high water content of the ion exchange resin to an optimum level that will absorb water instead of adding water to the system fluid, while maintaining enough internal moisture to ensure efficient ionic transport of acid molecules within the macroporous structure of the ion exchange resin.



BEFORE



AFTER

## Specifications

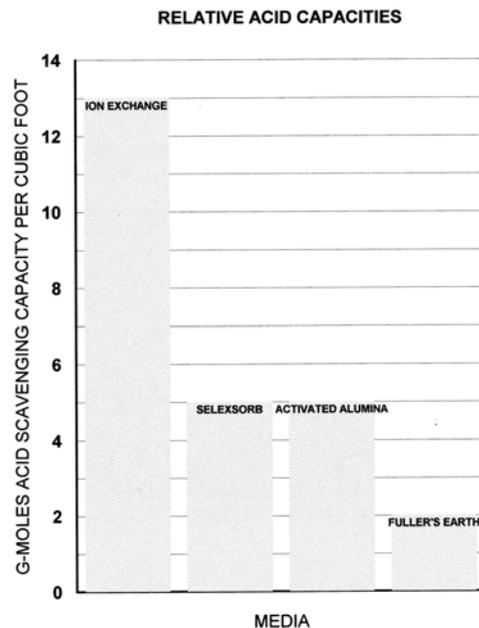
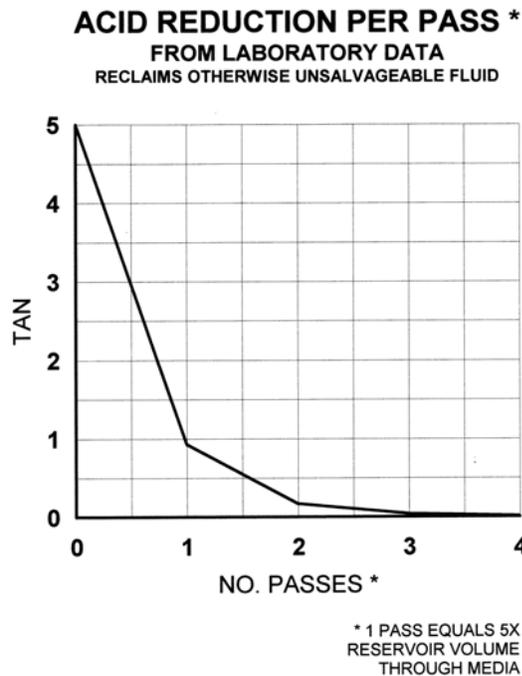
Cartridge	Dimensions (inches nominal)			POUNDS OF RESIN	CASE QUANTITY	SHIPPING WEIGHT PER CASE (lbs.)
	ID	OD	LENGTH			
ET119-DR-03ZXC0	2 3/32	11	19 9/16	16.5	1	22
ET718-DR-03ZXC0	2 3/32	7 1/4	18	6.6	1	11
ET718-DR-CRN	2 3/32	6 1/4	18	4.0	4	32
ET718-DR-CN	2 9/16	6 1/4	18	4.0	4	32
*ET718-DR-CGV	-----	6 1/4	17 7/8	4.0	4	32

\* Features new o-ring seal design.

Packed ion exchange resin cartridges are rapidly becoming the international choice for reducing Total Acid Number (TAN) in lubricating, hydraulic, and insulating oil systems. It is especially suited for phosphate ester-based synthetic oils and is capable of both maintaining low TAN levels and reclaiming out-of-bounds high TANs.

Ion exchange resin treatment eliminates the metallic soap contribution and dust fines associated with other adsorbents and has a high acid scavenging performance with an overall acid capacity 2-6 times greater than other adsorbents. It will work in systems previously contaminated with fuller's earth leachates. The system does not have to be flushed prior to switching to Opti-Dry (Dry E) ion exchange resin.\*\*

\*\* May require additional trap filters to remove precipitated gels that are released into the system as high TAN levels are reduced.



The Hilliard Corporation reserves the right to change specifications and dimensions at any time. Please contact the factory for the most current information.

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