



EMAIL: FILTRATION@JOHNBROOKS.CA

## 740 EMERALD SERIES

ES740-002-05-15

### **COST EFFECTIVE FILTRATION**

HART introduces its new 740 Emerald Series “Oil Guzzler” cartridge for eliminating oil from water.

The media in this unique cartridge combines the effects of adsorption and absorption to enhance its oil removal efficiency. The components of construction for this particular cartridge are polypropylene and a non-toxic, non-hazardous, non-corrosive, environmentally friendly petroleum bonding agent.

One 740 “OIL GUZZLER” is designed to hold greater than six liters of oil before reaching the maximum differential pressure of 35 PSI. The rapid differential pressure increase mechanism provides a positive indication of cartridge change-out time prior to any oil bypass.

### **MATERIALS OF CONSTRUCTION**

Filter Media: Proprietary Polymer  
Center Core: Polypropylene  
Netting: Polypropylene  
End Caps: Polypropylene

### **OPERATING SPECIFICATIONS**

Maximum Operating Conditions:  
185°F (85°C) Continuous Operating Temp

Recommended Flow Rate for Optimal Oil Loading:  
15 GPM Per 40” of filter length

Maximum Recommended Differential Pressure:  
35 PSID

Filter Oil Capacity: 6.6 Liters

PH Specifications: Neutral: 6.5 to 7



Toxicity: Product is non-toxic, non-hazardous, non-corrosive and can be incinerated

Surfactants: Surfactants will disperse the oil into solution requiring a longer residence time for the adsorption/absorption.

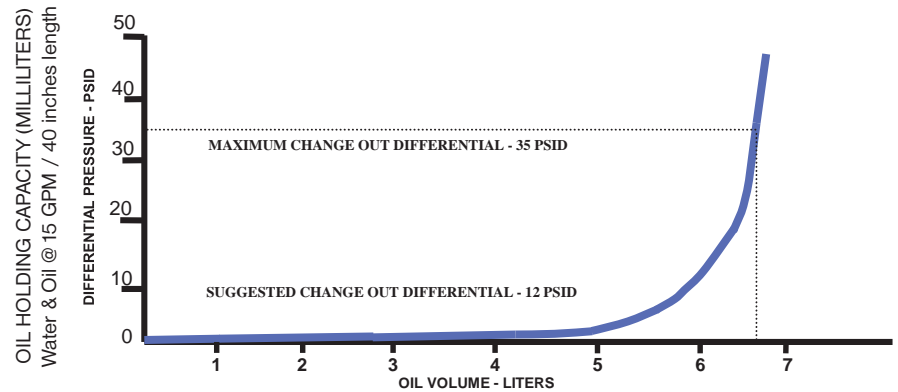
## CONTAMINANTS REMOVED

1, 1, 2-Trichloroethane  
 1, 1-Dichloroethane  
 1, 1-Dichloroethylene  
 1, 2, 3-Trichloropropane  
 1, 2-Dichloroethane  
 1, 2-Dichloropropane  
 Acetone  
 Benzene  
 BHC'S  
 Benzo Compounds  
 Carbon Tetrachloride  
 Chlorine  
 DBCP  
 Diedrin  
 Diesel Fuel  
 Endrin  
 Ethers  
 Flourens (some)  
 Gasoline  
 Halogenated Hydrocarbons  
 Lindane  
 Methylene Chloride  
 Napthalenes  
 Nitro Compounds  
 PCB's  
 Petroleum Oils  
 Phenol Compounds  
 Phthalotes  
 Pyrens  
 Tetrachloroethylene  
 THM'S  
 Toluene Compounds  
 Toxaphene  
 Trichloroethylene (TCE)  
 Xylenes

## SEPARATION EFFICIENCY

### OIL HOLDING CAPACITY

DATA FOR 740 "OIL GUZZLER" @ 40 INCHES LENGTH  
 OIL CHALLENGE OF 400 PPM WITH LESS THAN 5 PPM OIL EFFLUENT



### WARNING

Propylene and Ethylene Glycols will coat the Bonding Agent Polymer causing premature blinding and failure of the media.

## CARTRIDGE CODING

<b>ES</b>	<b>74</b>	<b>9</b>	<b>H</b>	<b>40</b>	<b>6</b>
<b>EMERALD SERIES</b>	<b>SERIES NUMBER</b> 74 - 740 Style (6.25" OD)	9 - Polyester outer wrap	<b>MEDIA</b> H - Hydrocarbon Removal Polymer	<b>LENGTH</b> 35 - 35" 40 - 40"	<b>O-RING SIZE</b> 6 - 226 O-ring

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