



Donaldson
FILTRATION SOLUTIONS

PRODUCT PROFILE

P574386 HYDRAULIC CARTRIDGE

For Terex RH340 Shovel Excavator

Donaldson introduces a new high performance hydraulic cartridge to suit the RH340 Hydraulic Shovel. Using Donaldson DT Synteq media technology, these filters have long life and are proven to provide excellent system protection by removing contaminants from the hydraulic fluid essential for efficient operation.

The Media is double backed with epoxy coated steel mesh for excellent pleat support. This allows maximum media surface area for high contaminant holding capacity and provides high strength for operating pressure surges. The media pack is then encased in a high strength inner and outer liner for maximum performance and durability.

Epoxy based adhesives are utilised for premium strength, chemical resistance and long element life.

The DT Synteq media has smooth, rounded fibres with exceptionally low flow resistance minimising operating system pressure drop, and features Electrostatic Discharge Reduction (ESD) technology. This reduces the occurrence of electrostatic discharge, and provides resistance against this industry problem that is known to result in filter damage and degraded filter performance.



FEATURES AND BENEFITS

- Uses DT Synteq media
- Features ESD reduction technology
- High chemical resistance
- Double backed media for high surge resistance
- Inner and outer liner with epoxy based adhesives for cartridge integrity
- Long life
- High efficiency performance

DT MEDIA FEATURES & BENEFITS

Synteq DT media utilises a blend of borosilicate glass fibre in a matrix which is bonded with an epoxy based resin system. Donaldson's filter media scientists found that not only does this provide superior filtration performance, with greater efficiency, higher dirt holding capacity and lower pressure drop than other synthetic filter media, it also delivers the best available chemical resistance for hydraulic applications.

Part No.	Description	Specifications
P574386	Hydraulic Filter Cartridge Replaces OE 149828, 3702209	Dimensions Length 975.36 mm OD: 152.5mm ID: 100mm Efficiency: 14µm @ β1000

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