

# FILTER OVERVIEW WITH SERVICE INTERVALS AND CAPACITIES

STS10, STS12, STS14, STS16 Self-Propelled Sprayer (S.N. 021001 - 021500 )

## DEF FILTER

[DZ114640](#)

Replaced after every 4,500 hours of operation or every three (3) years, whichever occurs first.

## VENT SYSTEM FILTER

[RE553703](#)

Replace as required.

## AIR CLEANER

[5HG318123](#) (STS10, STS12)

[5HG318124](#) (STS10, STS12)

[5HG318432](#) (STS14, STS16)

[5HG318433](#) (STS14, STS16)

The Engine Air Intake Filter should only be removed if replacement is required.

## RESPA® CAB FILTER

AIR INTAKE – [5HG657557](#)

Replace the RESPA Cab Filter every 1,000 of operation or when cab pressure drops below the minimum pressure threshold (when cab is sealed), whichever occurs first.

## PRIMARY FUEL FILTER

[RE551507](#) (STS10, STS12)

[RE539465](#) (STS14, STS16)

Replace the filter every 500 hours of operation or yearly, whichever occurs first.

## SECONDARY FUEL FILTER

[RE560681](#) (STS10, STS12)

[DZ112918](#) (STS14, STS16)

Replace the filter every 500 hours of operation or yearly, whichever occurs first.

## ENGINE OIL FILTER

[RE539279](#) (STS10, STS12)

[DZ101884](#) (STS14, STS16)

Replaced by every 500 hours of operation or whenever the oil is changed, whichever occurs first.

## HYDRAULIC OIL FILTER

DRAIN FILTER – [5HG605663](#)

AE SPIN FILTER – [5HG605673](#)

TANK RETURN – [5HG605659](#)

PROPEL CHARGE PUMP FILTER – [5HG605657](#)

BREATHER – [5HG605656](#)

FAN CHARGE PUMP FILTER – [5HG605674](#)

Replace after every 500 hours of operation or yearly.

## STEERING MOTOR INLINE FILTER

[5HG605661](#)

Replace after every 500 hours of operation or yearly.

## CAB

ACTIVATED CARBON AIR FILTER –

[5HG657558](#)

AIR FILTER – [5HG657559](#)

Replace as required



**JOHN DEERE**

Genuine Parts and Service

[https://www.deere.com/en\\_US/parts/parts\\_by\\_industry/aq/fmi/filter\\_maintenance\\_information.page](https://www.deere.com/en_US/parts/parts_by_industry/aq/fmi/filter_maintenance_information.page)

# CAPACITIES

## STS10, STS12, STS14, STS16 Self-Propelled Sprayer (S.N. 021001 - 021500 )

### CAPACITIES (Approximate):

#### Fuel Tank:

STS10, STS12..... 511 L (135 gal)  
STS14, STS16..... 567 L (150 gal)

#### Diesel Exhaust Fluid (DEF) Tank: John Deere™ Diesel Exhaust Fluid

..... 29.5 L (7.8 gal)

#### Cooling System with Heater: Cool-Gard™ II

STS10, STS12..... 44.2 L (11.7 gal)  
STS14, STS16..... 41 L (11 gal)

#### Crankcase including Filter:

##### Plus-50™ II

STS10, STS12..... 32.5 L (8.6 gal)  
STS14, STS16..... 35 L (9.24 gal)

#### Hydraulic Reservoir:

##### John Deere Hy-Gard™

..... 128 L (34 gal)

#### Final Drives Each:

##### Mobiltrans™ AST oil

..... 1.7 L (0.45 gal)(w/o service brake)  
..... 1.5 L (0.4 gal)(w/ service brake)

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