

Filter Element, Fluid

2945-00-054-5863

NSN 2945-00-054-5863 · NIIN 000545863 · Part number 7513983

Pti Technologies Inc. · FSC 2945 — Engine Air and Oil Filters, Cleaners, Aircraft Prime Moving · FSG 29 — Engine Accessories · CAGE 05228

GOVERNMENT RECORD, CITED

NSN 2945-00-054-5863 — this item is cataloged by the U.S. Government under National Stock Number 2945-00-054-5863. Manufacturer of record part number: 7513983.

ALSO SEARCHED AS 2945-00-054-5863 · 2945000545863 · NIIN 000545863 · 00-054-5863 · FSC 2945 Engine Air and Oil Filters, Cleaners, Aircraft Prime Moving · CAGE 05228 · 7513983 · 21-11358 · AC9999F12152 · B5230 · 2945PL0933070 · 11-882

NEARBY STOCK NUMBERS ← 2945-00-053-9469 Filter Element, Fluid · 2945-00-055-1610 →

FEATURES

- Filter Element,fluid — FSC 2945
- Filtering Media Design: WOVEN SINGLE FILTERING MEDIA RESPONSE
- Body Diameter: 1.750 INCHES NOMINAL IN
- FSC Application Data: ENGINE,ACFT,MODEL NO. T76
- Body Overall Length: 4.438 INCHES NOMINAL IN
- Filtration Rating in Microns: 25.0 ABSOLUTE AND 20.0 NOMINAL
- Flow Direction: OUTSIDE IN
- Design Type: REUSABLE

IDENTIFICATION

- NSN: 2945-00-054-5863
- NIIN: 000545863
- FSC: 2945 — Engine Air and Oil Filters, Cleaners, Aircraft Prime Moving
- FSG: 29 — Engine Accessories
- Primary part number: 7513983
- Manufacturer: Pti Technologies Inc.

GENERAL DESCRIPTION

The Filter Element,fluid, cataloged under National Stock Number 2945-00-054-5863, is classified within Federal Supply Class 2945 (Engine Air and Oil Filters, Cleaners, Aircraft Prime Moving) of the Engine Accessories group. The manufacturer of record is Pti Technologies Inc.. Government technical data includes 13 specifications, cited from the U.S. Government catalog. The record lists 3 manufacturer part numbers for this item, enabling identification through both NSN and commercial part number lookups. 7 additional reference documents (drawings, advisory and superseded references) are recorded in the U.S. Government catalog. 11 items share a part number with this NSN in the catalog (possible match — not a government interchangeability claim). Current acquisition status: Active.

TECHNICAL SPECIFICATIONS

PARAMETER	VALUE
NSN	2945-00-054-5863
Primary Part Number	7513983
Item Name	Filter Element,fluid
FSC / FSG	2945 / 29 — Engine Air and Oil Filters, Cleaners, Aircraft Prime Moving
Manufacturer	Pti Technologies Inc.
Status	ACTIVE
Filtering Media Design	WOVEN SINGLE FILTERING MEDIA RESPONSE
Body Diameter	1.750 INCHES NOMINAL IN
FSC Application Data	ENGINE,ACFT,MODEL NO. T76
Body Overall Length	4.438 INCHES NOMINAL IN
Filtration Rating in Microns	25.0 ABSOLUTE AND 20.0 NOMINAL
Flow Direction	OUTSIDE IN
Design Type	REUSABLE
Temp Rating	-65.0 FAHRENHEIT MINIMUM AND 260.0 FAHRENHEIT MAXIMUM DEGF
Style Designator	CYLINDRICAL W/ CONTAINER (RIGID)
Features Provided	BY-PASS VALVE
Body Inside Diameter	1.000 INCHES NOMINAL IN
Media for Which Designed	FUEL/OIL, HYDROCARBON
Material	RUBBER NATURAL SEAL

LIFECYCLE & COMPLIANCE

Acquisition Status	ACTIVE
DEMIL Code	DEMIL A — NO DEMILITARIZATION REQUIRED
Hazard	NO HAZARD CODE IN THE DLA RECORD (HMIC N)

Criticality Code	X
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↻ RELATED ITEMS

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Each row states its source: a government interchangeability/replacement code, or a possible match on a shared part number.

2915-00-170-9086	POSSIBLE MATCH	
SLEEVE AND BEARING SUBASSEMBLY		
Possible match (shared part number)		
1650-00-474-1702	11882 POSSIBLE MATCH	
POPPET,VALVE		
Possible match (shared part number) Hydro-Aire Aerospace Corp		
5845-00-832-3236	11882 POSSIBLE MATCH	
COMPARATOR ASSEMBLY		
Possible match (shared part number) Custom Metering Company Inc		
1680-00-867-7157	11882 POSSIBLE MATCH	
COVER,HOUSING,WINCH		
Possible match (shared part number) Aerocontrollex Group, Inc. Div Talley Actuators		
4820-00-918-9348	POSSIBLE MATCH	
VALVE,SAFETY RELIEF		
Possible match (shared part number)		
5330-01-041-5320	1188-2 POSSIBLE MATCH	
GASKET		
Possible match (shared part number) Rolls-Royce Controls and Data Services Limited		
4330-01-074-9502	3001436-1 POSSIBLE MATCH	
FILTER ELEMENT,FLUID		
Possible match (shared part number) Honeywell International Inc. Dba Honeywell International Div Aerospace - Phoenix		
5910-01-094-2176	POSSIBLE MATCH	
CAPACITOR,FIXED,PLASTIC DIELECTR		
Possible match (shared part number)		
5120-01-654-1733	POSSIBLE MATCH	
SCREWDRIVER ATTACHMENT,SOCKET WR		
Possible match (shared part number)		
4330-01-669-3845	POSSIBLE MATCH	
FILTER ELEMENT,FLUID		
Possible match (shared part number)		

CROSS-REFERENCE INDEX

PART NUMBER	MANUFACTURER
AC9999F12152	Pall Aeropower Corporation (USA)
7513983 PRIMARY	Pti Technologies Inc. (USA)
11-882	Donaldson Company, Inc. (USA)

REFERENCE DOCUMENTS

REFERENCE	MEANING
21-11358	5/9 Secondary reference Pti Technologies Inc.
85230	5/9 Secondary reference U.S. Government activity
2945PL0933070	6/9 Informative reference only Jednolity Indeks Materialowy - Uniform Material Index
11-882	5/9 Secondary reference Donaldson Company, Inc.
4228-580	5/9 Secondary reference Wintec Llc
229825	5/9 Secondary reference U.S. Government activity
3001436-1	1/2 Source control — Government-approved source U.S. Government activity

RELATED PARTS

2915-00-170-9086 POSSIBLE MATCH SLEEVE AND BEARING SUBASSEMBLY	1650-00-474-1702 POSSIBLE MATCH POPPET,VALVE 11882	5845-00-832-3236 POSSIBLE MATCH COMPARATOR ASSEMBLY 11882	1680-00-867-7157 POSSIBLE MATCH COVER,HOUSING,WINCH 11882
4820-00-918-9348 POSSIBLE MATCH VALVE,SAFETY RELIEF	5330-01-041-5320 POSSIBLE MATCH GASKET 1188-2	4330-01-074-9502 POSSIBLE MATCH FILTER ELEMENT,FLUID 3001436-1	5910-01-094-2176 POSSIBLE MATCH CAPACITOR,FIXED,PLASTIC DIELECTR
5120-01-654-1733 POSSIBLE MATCH SCREWDRIVER ATTACHMENT,SOCKET WR	4330-01-669-3845 POSSIBLE MATCH FILTER ELEMENT,FLUID	5120-01-674-5674 POSSIBLE MATCH SCREWDRIVER ATTACHMENT,SOCKET WR 11-882	

FREQUENTLY ASKED QUESTIONS

What is NSN 2945-00-054-5863?

NSN 2945-00-054-5863 is a Filter Element,fluid, manufactured by Pti Technologies Inc., classified under FSC 2945, Engine Air and Oil Filters, Cleaners, Aircraft Prime Moving. Status: active.

What part numbers are listed for NSN 2945-00-054-5863?

NSN 2945-00-054-5863 has 3 manufacturer part numbers on file: AC9999F12152 (Pall Aeropower Corporation), 7513983 (Pti Technologies Inc.), 11-882 (Donaldson Company, Inc.).

What NSN replaces 2945-00-054-5863?

11 possible matches (shared part number, not a government interchangeability claim): 2915-00-170-9086, 1650-00-474-1702, 5845-00-832-3236. Verify interchangeability with system specifications before substitution.

What are the specifications of 7513983?

Key specifications for 7513983: Filtering Media Design: WOVEN SINGLE FILTERING MEDIA RESPONSE; Body Diameter: 1.750 INCHES NOMINAL IN; FSC Application Data: ENGINE,ACFT,MODEL NO. T76; Body Overall Length: 4.438 INCHES NOMINAL IN. 13 specifications are documented in the U.S. Government catalog.

Is NSN 2945-00-054-5863 hazardous material?

No hazard code in the DLA record (HMIC N). Hazard information on this page is shown exactly as it appears in the DLA record.

SOURCES

U.S. Government catalog: edition PUBLOGDVD v12.0.0 (OCT 2026), edition date 2026-10-01, retrieved 2026-10-16.

U.S. Government catalog: edition PUBLOGDVD v12.0.0 (OCT 2026), edition date 2026-10-01, retrieved 2026-10-18.

PartsTable — the parts reference. Every fact cited to its source.

partstable.com/parts/2945-00-054-5863


 Data cited from the U.S. Government catalog; commercial cross-references from OEM and certified industry sources.


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