



Product Change Notification

1. PCN (Product Change Notification) / To be fill in by vendor and send to Asia CIM

Date:	5/23/2024	Factory Name (POV):	Champion Laboratories	Factory representative Name:	Jim Palamara / Richard Speros
Product:	Oil Filters	Related Part Number/s:	See section 1.2	PCN No:	N/A

1.1 Change Reason:

Detail out complete information about what initiated the change and what are the benefits

Champion Laboratories, in cooperation with their OE vehicle manufacturer partners, are launching OE approved design updates of 3" diameter spin-on oil filters. Champion Laboratories is the first to bring these advancements to the market.

As OE filtration specifications adjust to meet today's demanding engine flow requirements, Champion Laboratories continuously performs extensive design analysis alongside its OE partners to meet these requirements. Engines today can have multistage oil pumps that adjust oil flow as necessary based on high & low speed events. Filters must be able to manage these events as one of the key components in the entire engine oil flow system.

For a filter to function under such demanding events and allow for increased oil flow, it must have lower flow restriction but retain the filter efficiency and contaminate retaining performance of the past. To achieve even higher oil flow through a filter, Champion Laboratories incorporates high quality synthetic media along with our e-Core technology plus the latest addition of a high flow mounting endplate into the lid assembly.

The new lid assembly improvements include the threaded backplate design with increased oil inlet hole diameters and an open-face gasket retainer:

- * Threaded backplate oil inlet holes diameter increases 3.4X larger
- * Gasket retainer open face design for less restriction of oil flow

The combined benefit of these component improvements to filter performance:















- * 45% overall decrease in flow restriction as compared to the prior designs














1.2 Change Description:

Detail out complete information about what changes are being made (Description + photo)









	Before:	Picture	After:
PART # S10600			
PART # S10600XL			

		
PART #		
S10590		
PART #		
S10590XL		
PART #		
S10060		
PART #		
S10060XL		
PART #		
S2827		
PART #		
S2827XL		

PART #		
S2870A		
PART #		
S2870AXL		
PART #		
S3387A		
PART #		
S3387AXL		
PART #		
S3506		
PART #		
S3506XL		
PART #		
S3600		

		
PART #		
S3600XL		
PART #		
S3614		
PART #		
S3614XL		
PART #		
S3656		
PART #		
S3675		
PART #		
S3675XL		
PART #		

<p>S3980</p>		
<p>PART #</p> <p>S3980XL</p>		
<p>PART #</p> <p>S8316</p>		
<p>PART #</p> <p>S8316XL</p>	<p>Image updating</p>	