

# **T13 REFERENCE COMPARISON DATA – NEW BATCH LINERS AND NEW PNB CONNECTING ROD BEARINGS**

**05/17/2019**

Garrett White

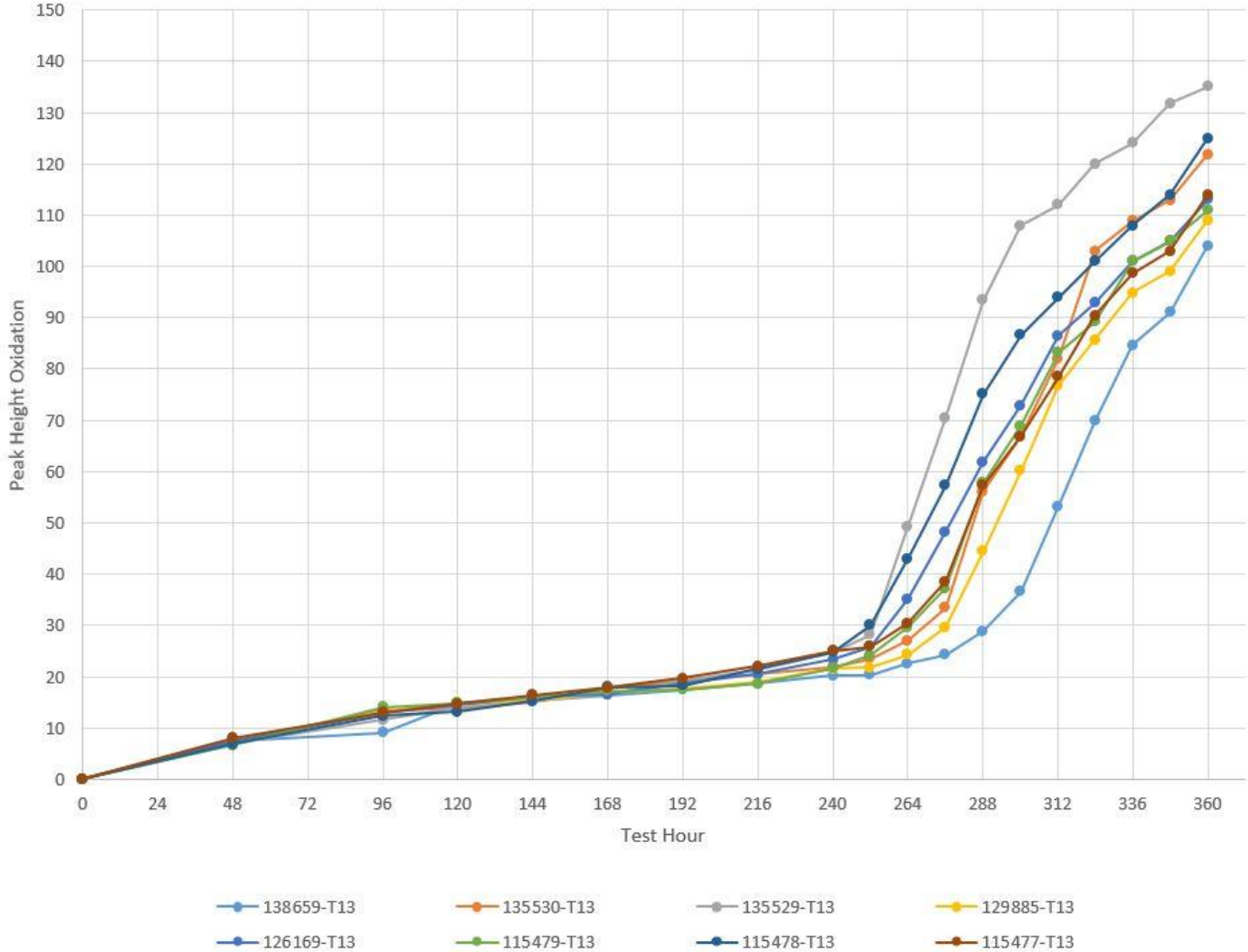
Test Engineer



# PEAK HEIGHT OXIDATION



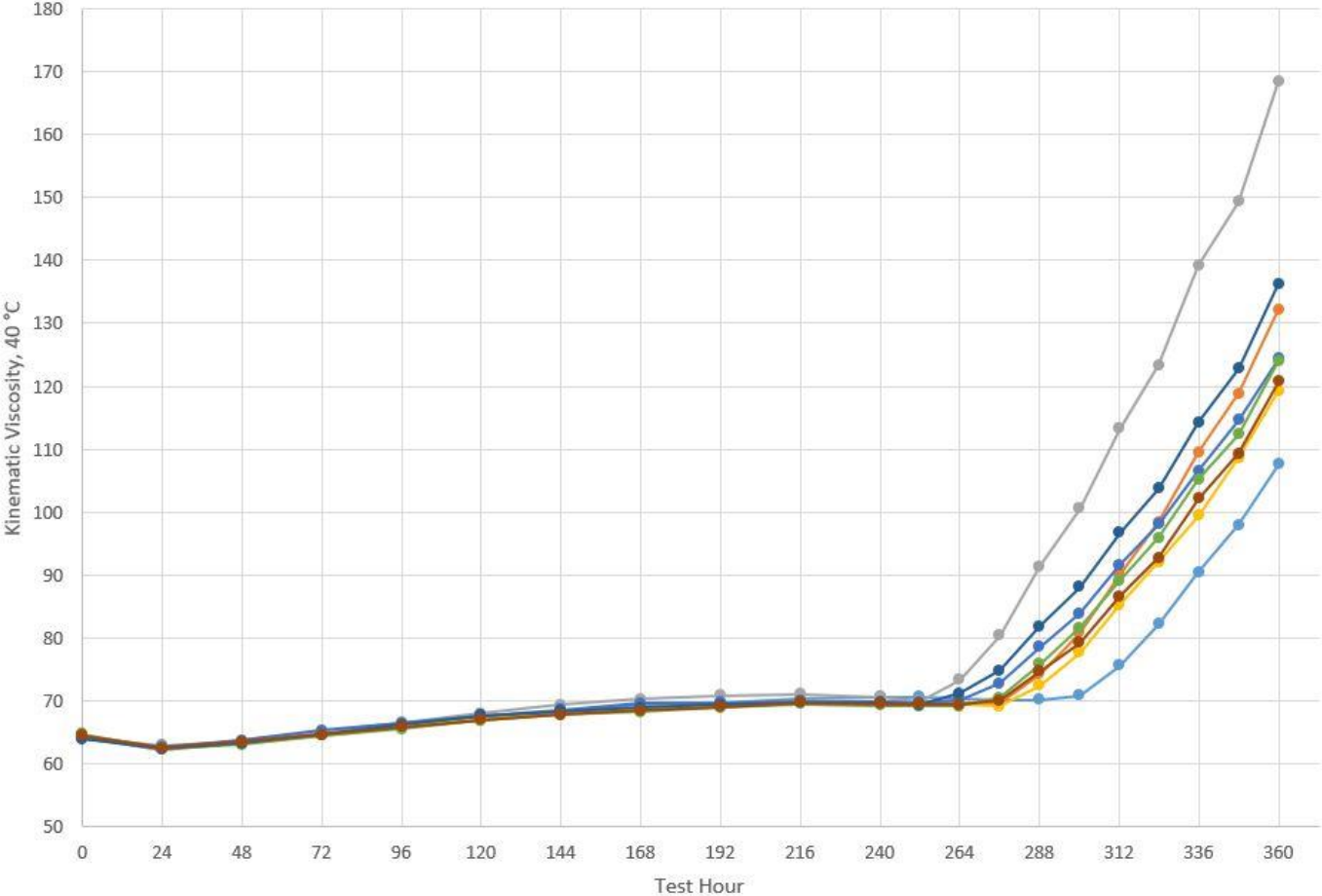
T13 Ref Oil 823 w/ Humidity Dew Point Control



# KINEMATIC VISCOSITY @ 40 °C



T13 Ref Oil 823 w/ Humidity Dew Point Control

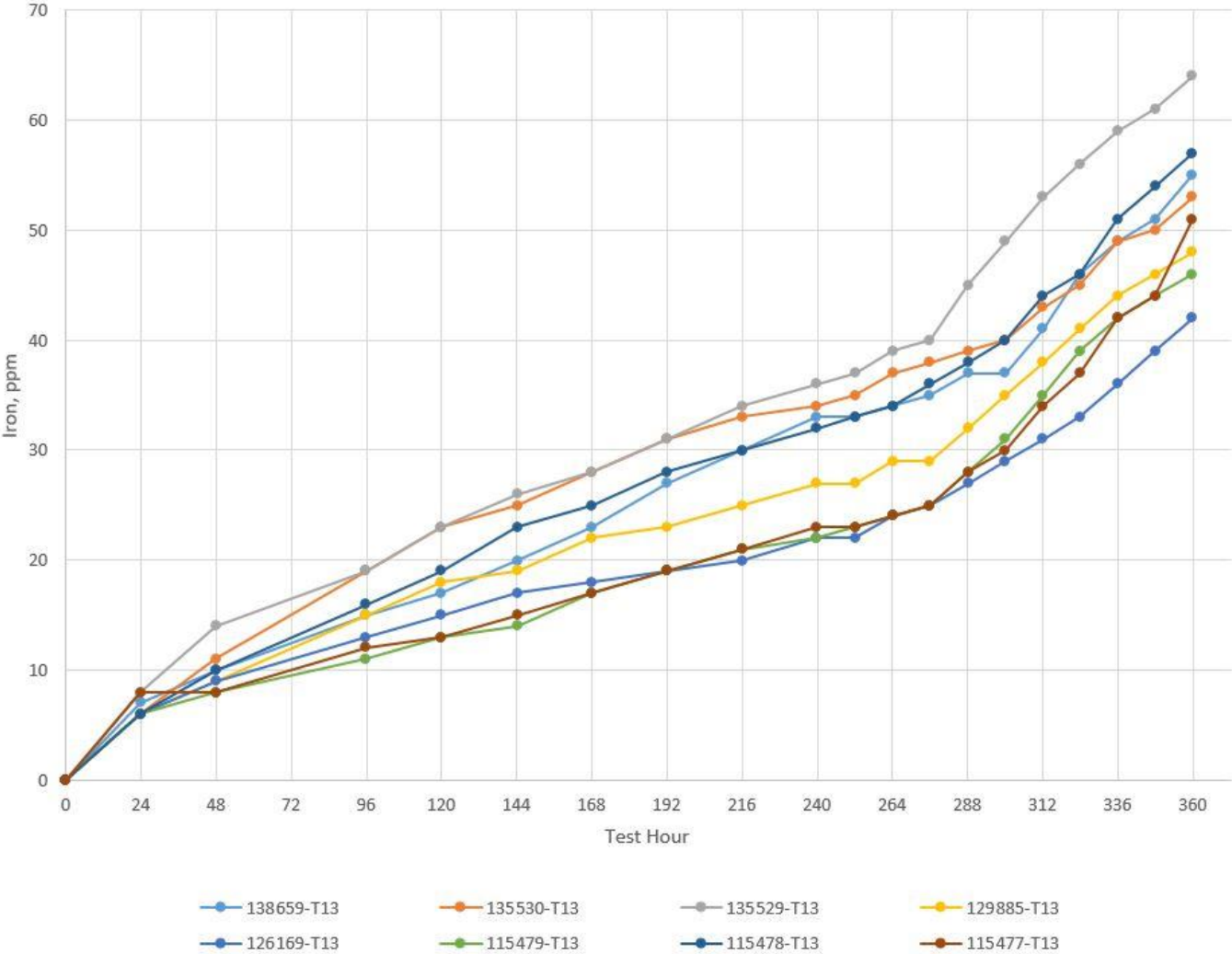


- 138659-T13
- 126169-T13
- 135530-T13
- 115479-T13
- 129885-T13
- 115477-T13
- 135529-T13
- 115478-T13

# IRON



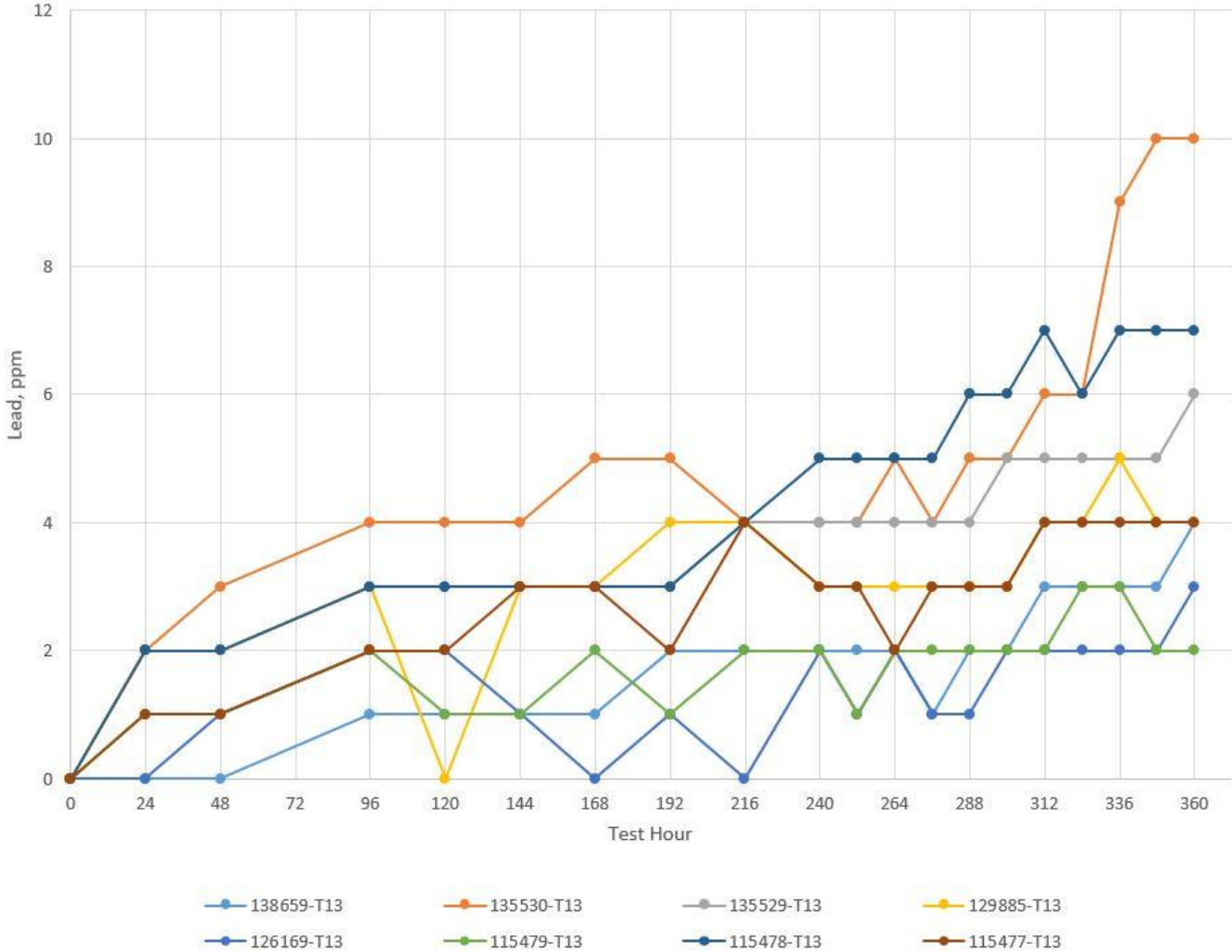
T13 Ref Oil 823 w/ Humidity Dew Point Control



# LEAD



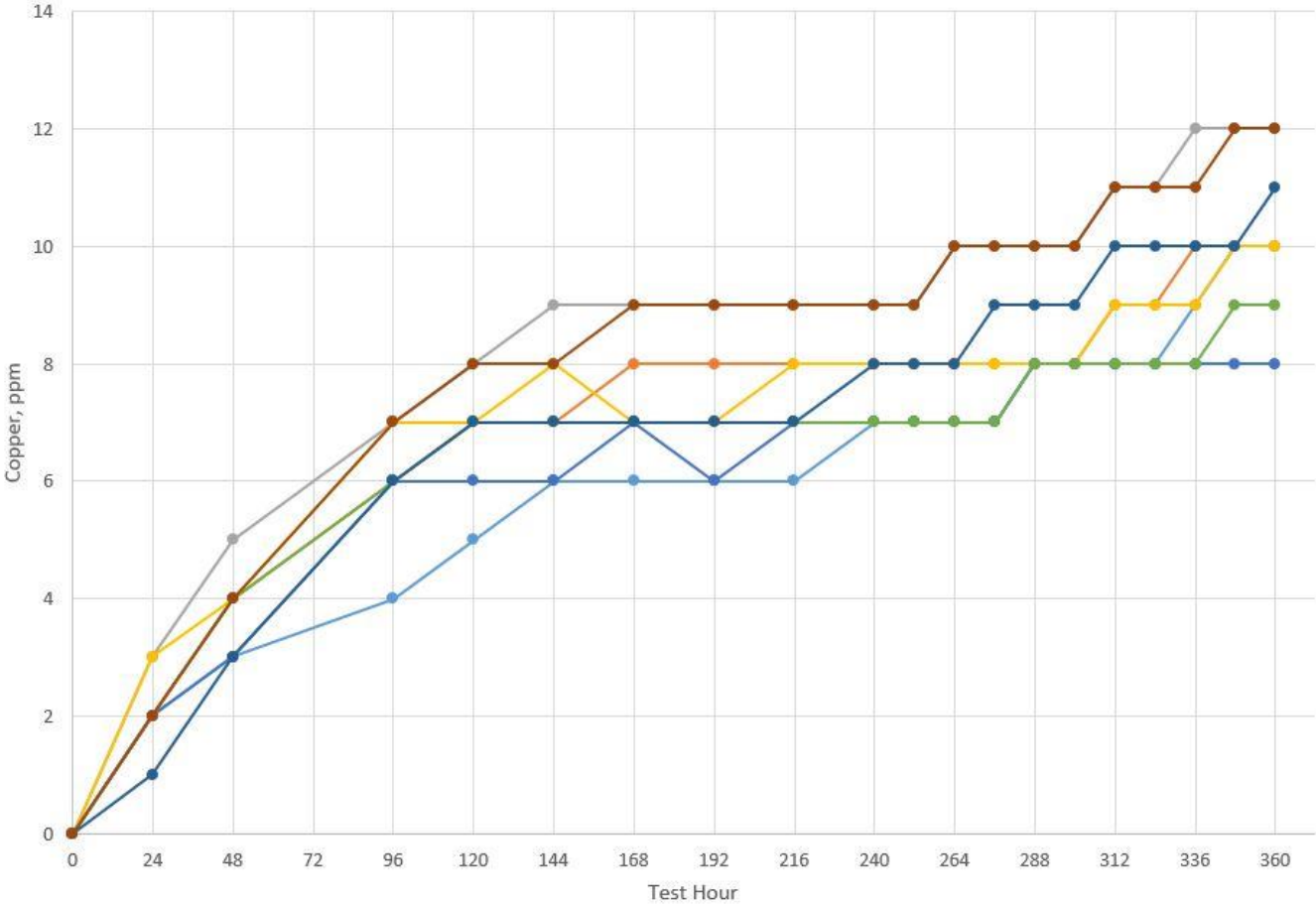
T13 Ref Oil 823 w/ Humidity Dew Point Control



# COPPER



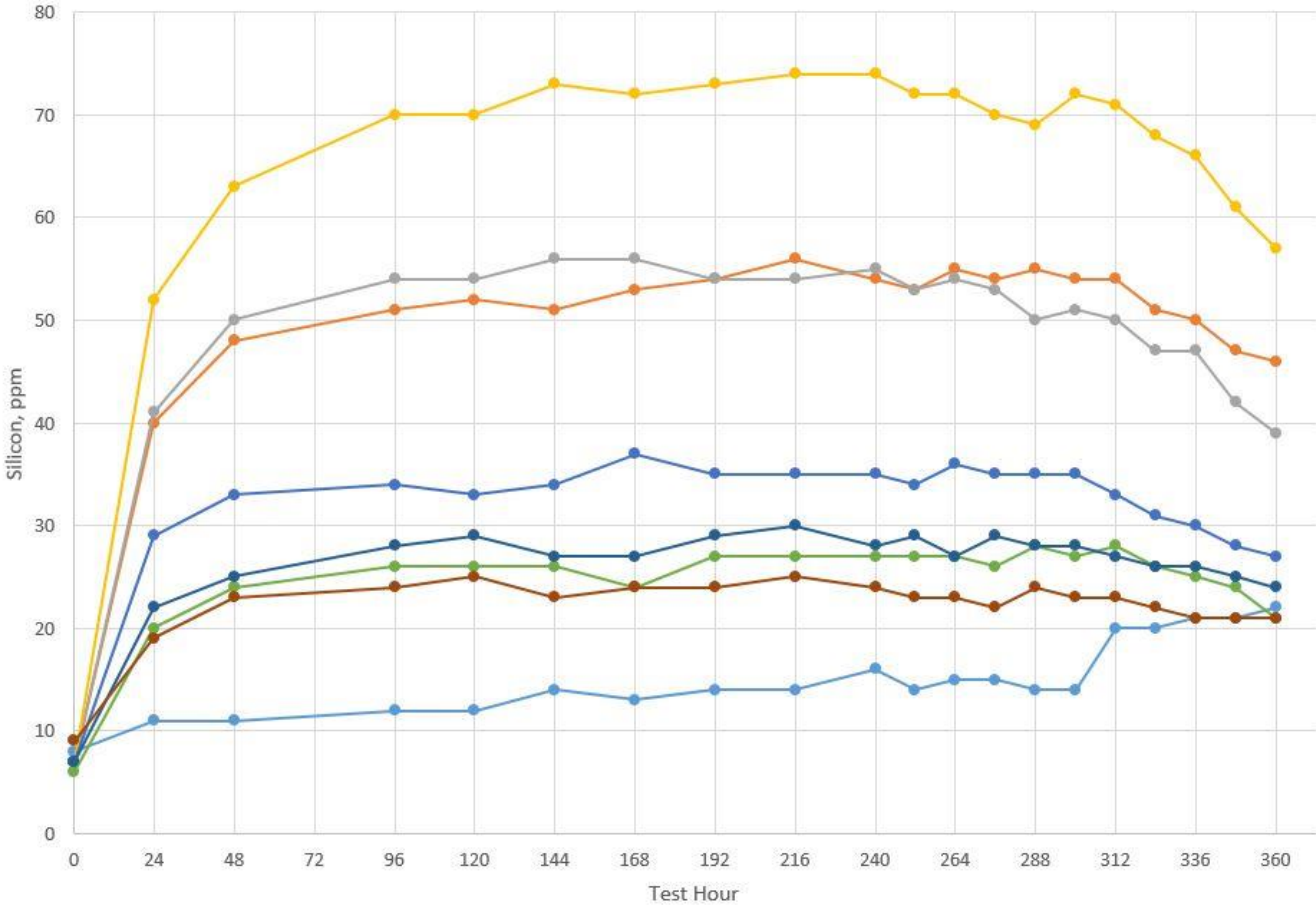
T13 Ref Oil 823 w/ Humidity Dew Point Control



- 138659-T13
- 126169-T13
- 115478-T13
- 115479-T13
- 135530-T13
- 115477-T13
- 135529-T13
- 129885-T13



T13 Ref Oil 823 w/ Humidity Dew Point Control



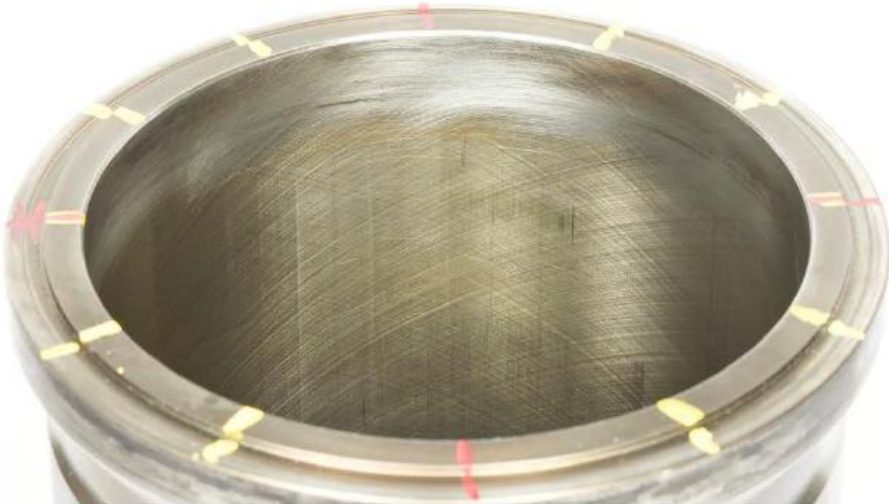
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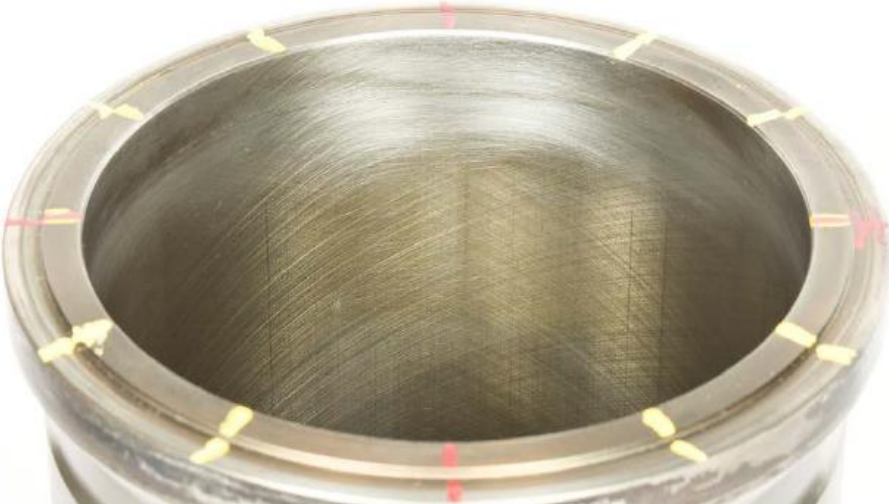
# LINER PHOTOS - CYLINDERS 1 & 2



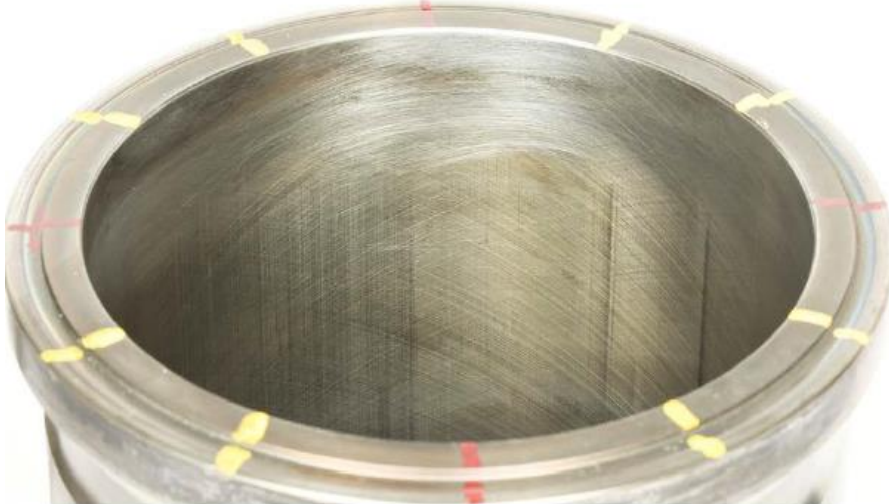
103-0047  
LINER 1  
THRUST



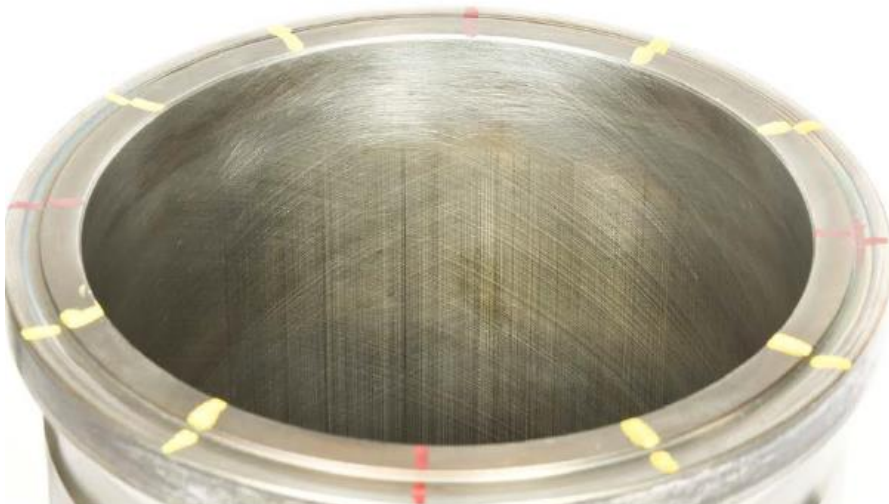
ANTI-THRUST



103-0047  
LINER 2  
THRUST



ANTI-THRUST

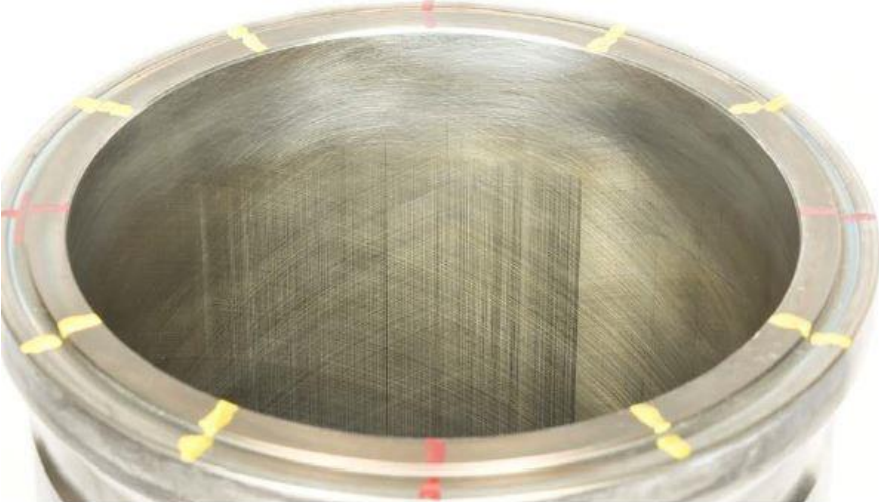




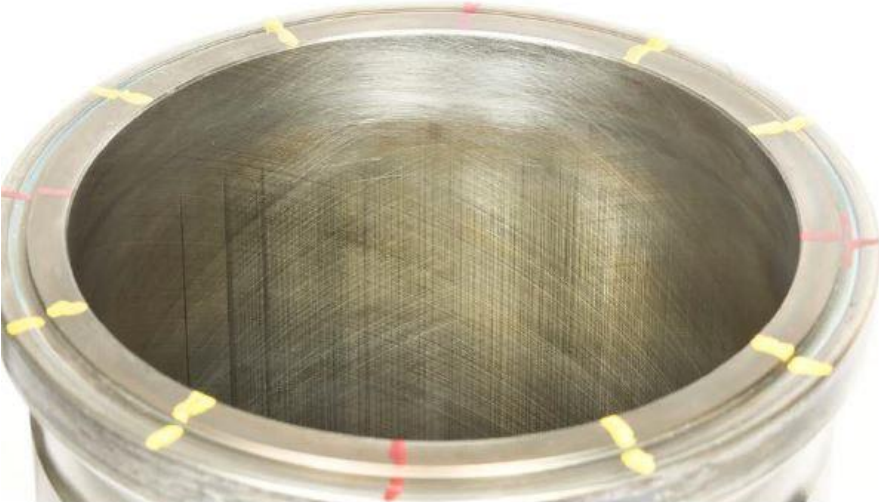
# LINER PHOTOS – CYLINDERS 3 & 4



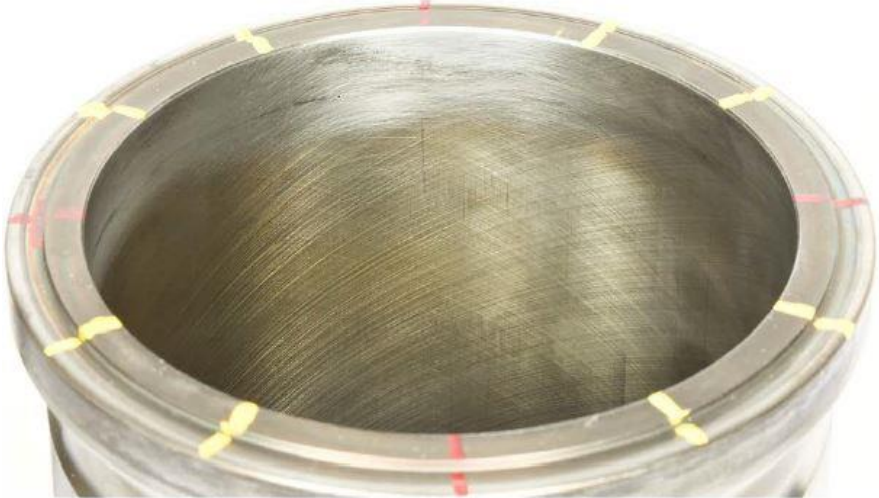
103-0047  
LINER 3  
THRUST



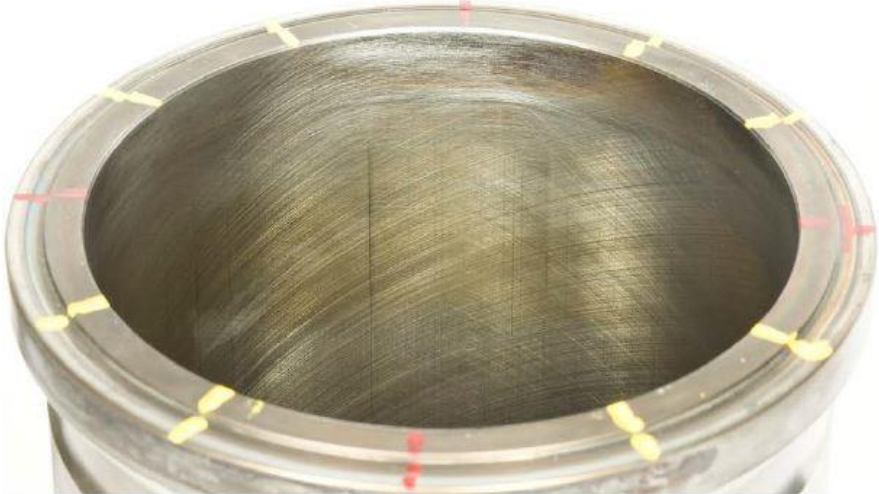
ANTI-THRUST



103-0047  
LINER 4  
THRUST



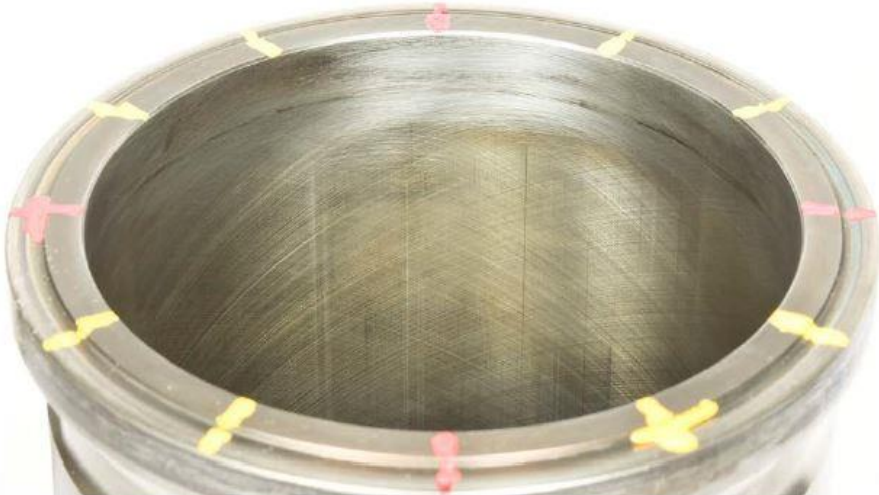
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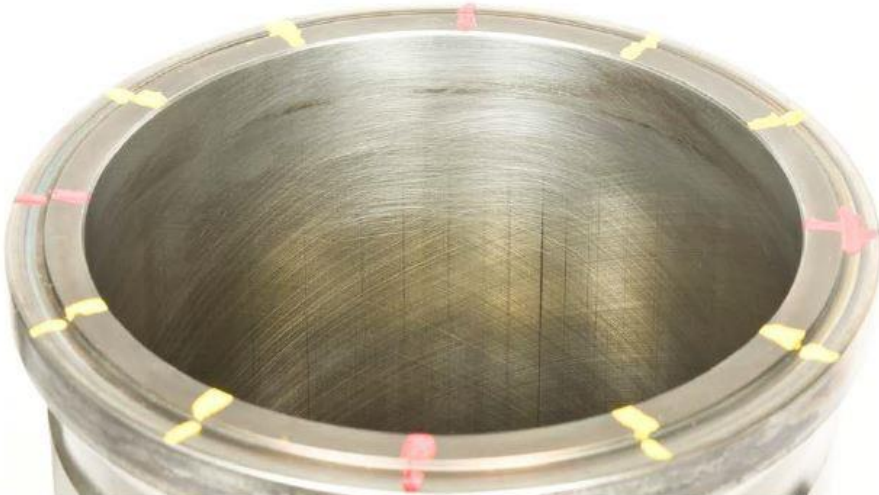
# LINER PHOTOS – CYLINDERS 5 & 6



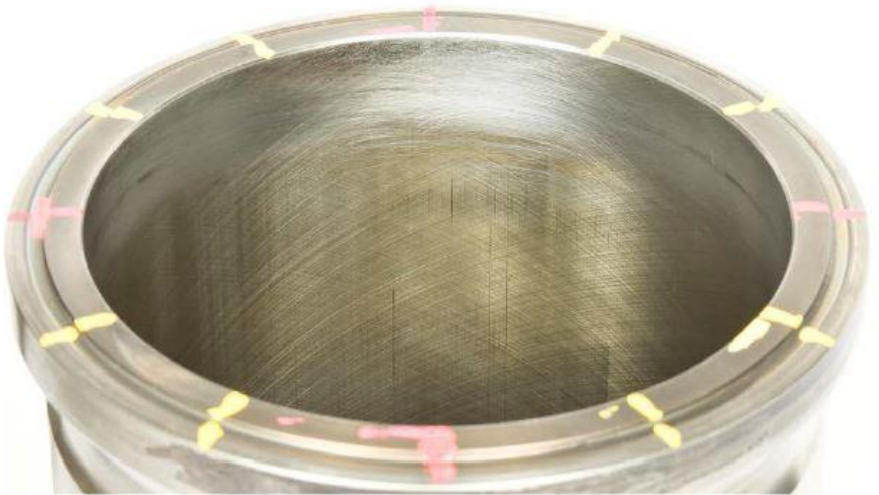
103-0047  
LINER 5  
THRUST



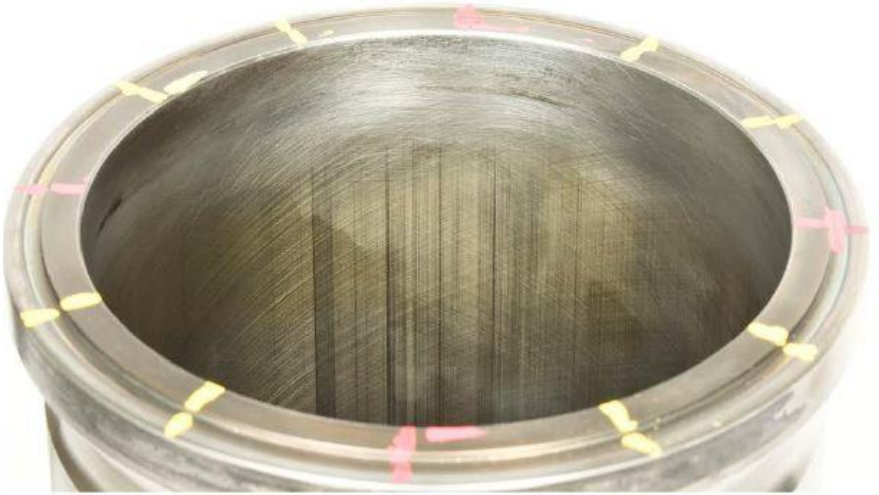
ANTI-THRUST



103-0047  
LINER 6  
THRUST



ANTI-THRUST





# CONNECTING ROD BEARING PHOTO

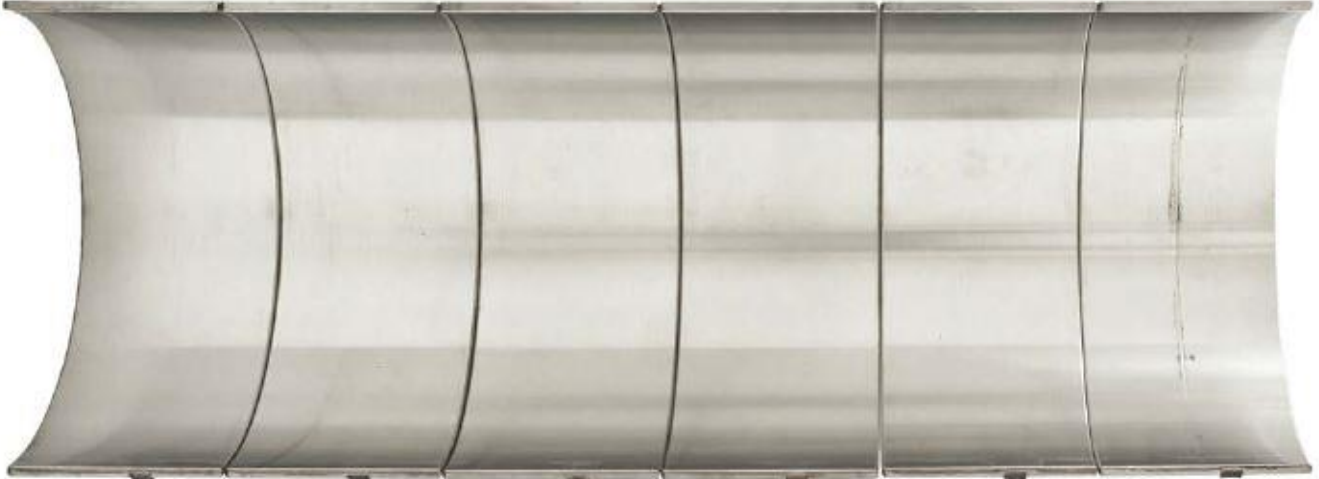


103-0047  
Conrod Bearings

UPPER



1 2 3 4 5 6



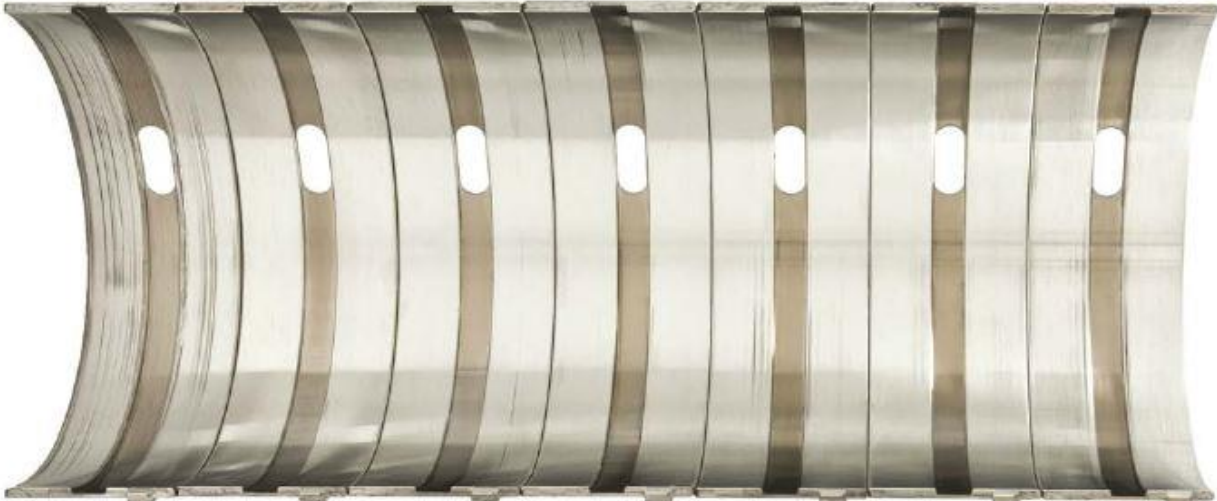
LOWER

# MAIN BEARING PHOTO



103-0047  
Main Bearings

UPPER



1 2 3 4 5 6 7



LOWER

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