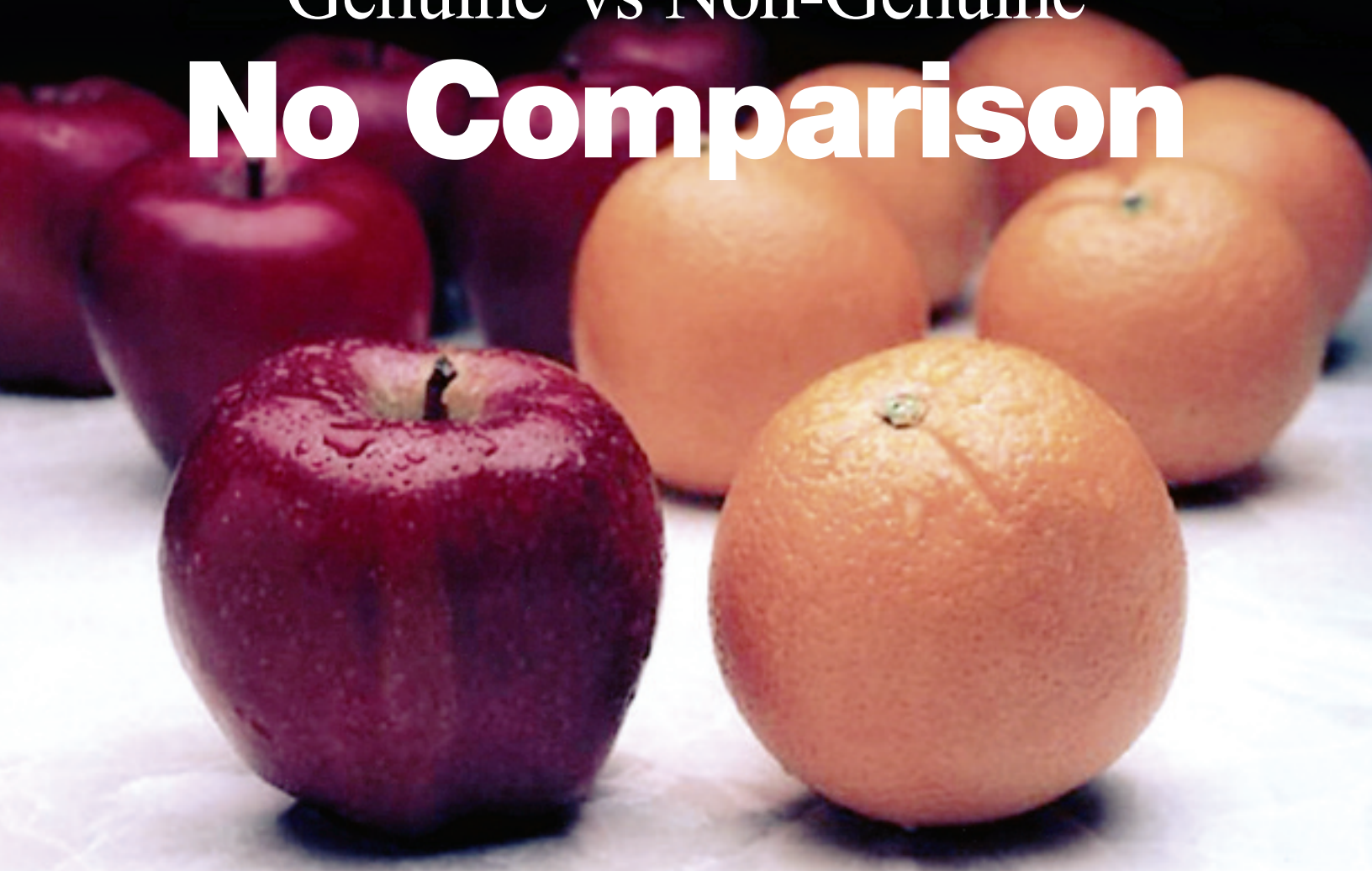


DETROIT DIESEL



Genuine vs Non-Genuine **No Comparison**



Always Use Genuine
Detroit Diesel Parts
In Your 2-Cycle Engine.



See reverse side to find out why.

CONFIDENTIAL:
Certified DDC
Technician
Use Only!

Here's what the engineers said.

Genuine

Genuine cylinder kit components are built to strict DDC specifications, ensuring performance and reliability.

- **Correct material used.**
 - Pistons are manufactured using malleable iron, meeting stringent DDC specifications providing strength and durability.
 - This material is crucial for long engine life to overhaul for all high output applications.
- **Surface finish meets DDC specifications.**
 - Liners have a honed surface finish that meets exacting DDC specifications.
 - The honed surface finish utilized is critical for proper piston ring and cylinder liner break-in and long engine life.
- **Fully warranted and supported by Detroit Diesel Corporation.**
- **Supported by Detroit Diesel's worldwide distributor and dealer network.**



Non-Genuine

Experts determined that the non-genuine cylinder kits tested did not meet DDC specifications.

- **Incorrect material was used.**
 - Pistons were manufactured using a ductile iron material that does not meet DDC specifications.
 - The thermal conductivity and fatigue strength of the metal used was unacceptable for high output applications.
- **Surface finish was too rough.**
 - The liner's surface finish was **NOT** honed.
 - The rough surface finish on the liner may accelerate cylinder wear, resulting in excessive oil consumption.
 - The unacceptable surface finish creates an imprecise fit and can cause liner scuffing and piston seizure.
- **Non-Genuine suppliers do not have access to DDC proprietary specifications, that ensure exacting quality and performance.**



*Findings are the result of a head-to-head engineering study comparing a Genuine Detroit Diesel Series 53 cylinder kit to a non-genuine cylinder kit.

DETROIT DIESEL

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