

## COMPRESSOR POPPET VALVES

AJAX™ TWO-CYCLE INTEGRAL ENGINE-COMPRESSORS

### Overview

As part of our continuous product improvement, Cooper has upgraded valves used in Ajax integral engine compressors.

Old compressor valves may still be running, but there are high chances they cost your compressor power and efficiency. Retrofitting with new poppet valves can result in significant operational improvement.

Poppet valves deliver the highest efficiency of any valve design. Compared to conventional plate, channel or strip valves, poppet valves offer significant fuel or horsepower savings through more efficient and reliable operation.

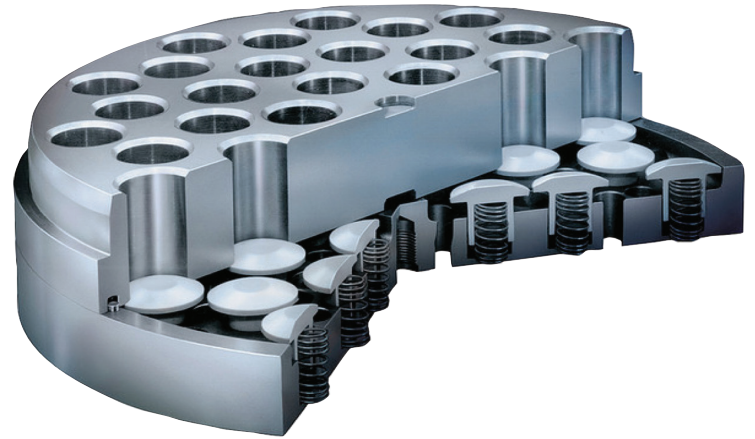
### Benefits

- › More efficient performance
- › Longer service life
- › Reduced losses anywhere from 4-12%
- › Fuel savings up to 12%
- › Upgrade payback in 6-18 months

### Interchangeability

Poppet valves can be applied to all sizes of integral engine compressor cylinders (except forged steel cylinders).

Using computerized tools, we can model and evaluate the current operating conditions and, in many cases, recommend modifications to the existing valve design to maximize efficiency, horsepower and throughput.



*Poppet Valve*

**LEGENDS DON'T STOP. WE MAKE SURE OF IT.™**

CALL +1-844-RECIP-43 (INTERNATIONAL: +1-713-354-1299)  
24/7 TECH SUPPORT: SUPPORT@COOPERSERVICES.COM  
COOPERSERVICES.COM

