



## Performance of Smart Seal Quick Shot

Smart Seal Quick Shot is dispersed in the lubricant and remains constantly active. The found leaks are permanently repaired, and in case of future leaks, as long as the system's lubricant is not changed, Smart Seal Quick Shot will continue to prevent future leaks. In case of Lubricant replacement, it is suggested to insert a new dose of Smart Seal Quick Shot to prevent future leaks.

As demonstrated by the Ashrae 97 tests, the presence of Smart Seal Quick Shot reduces the aggression by the POE on metals. Its anti-oxidant properties prevent the decay of the ester to fatty acid and alcohol. With the consequent loss of lubricity and increase in acidity. Steel oxidation was reduced from 2 to 0 in every mix tested.

The presence of Smart Seal Quick Shot spherical microparticles increase the lubricating capacity of the lubricant in which it is dispersed. Viscosity tends to increase from 1% in very viscous lubricants 100-170 cSt up to 5% in less viscous lubricants 22-46 cSt.

Smart Seal Quick Shot is an additive developed to be compatible with all Lubricants, whether they are Esters, Glycols or Minerals. And all refrigerant gases, CFC, HFC, HCFC, HFO. Smart Seal Quick Shot has been tested on the series of:

- R000 series R22 and R32
- R100 the whole series R113, R134a, R170
- R200 the whole series R227ea, R290
- R300 the whole series R316
- R400 the whole series R404A, 407A, R410A, R450...
- R500 the whole series R507A
- R600 the whole series R600, R600a
- R700 Only R744

Smart Seal Quick Shot, correctly dosed in the system lubricant, works correctly at all operating temperatures and pressures. The temperature can not be predicted, in working cold. The product has passed 1000 h of test in blast chiller systems. operating at -40°C without undergoing changes.

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