Modifying Main Well Casting to Receive Conical Accelerator Pump Check Valve

These conical check valves are an upgrade to the ball checks that were original equipment. They stayed seated better under hard use.

Conical Check Valve Modification For Accelerator Pump Circuit – Inline Autolite

PUMP CHANNEL PLUG "A" PUMP OUTLET CHECK BALLS PUMP INLET CHECK VALVE PUMP SHOOTER MAIN BODY PUMP DIAPHRAM RETURN SPRING PUMP OUTLET CHECK BALL ACCEL PUMP CAVITY PUMP DIAPHRAM ASSY PUMP ACTUATING ARM 0 PUMP INLET CHECK VALVE (O)PUMP DIAPHRAM RETURN SPRINGS THROTTLE SHAFT kcoffield@mchsi.com PUMP SHOT CAPACITY HOLES Conical accelerator PUMP DRIVE LEVER pump check valve PUMP OVERTRAVEL/DRIVE SPRING modification:

- For dimension"A": Drill .600" deep using a .217"/.225" Drill

ACCELERATOR PUMP SYSTEM



I recommend using an end mill to make the mod described on the previous slide because it cuts crisp flat bottom hole and a good edge to coin the check valve seat. Set of 4 conical accelerator pump check valves included with installation instructions.

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Stainless steel conical check valves for accelerator pump circuit

