CTP®

New CTP Replacement Parts for Heavy Equipment

CTP ENGINE **VALVES**

maximum endurance

CTP Bimetallic & Trimetallic Valves

The CTP bimetallic operation for the engine valves is extremely important. The valves are welded using a friction welding machine that merges the two pieces of material (Austenitic on the head and Martensitic on the stem). The process gives the valves a higher resistance to the high temperature of the engine. This is especially necessary for the exhaust engine valves which are always stressed by higher temperatures compared to the intake valves.

For the CTP trimetallic valves, Stellite (metal alloy) is welded on the seat of the valve to improve its endurance. The seat, especially on the exhaust valves, is subject to not only a chemical corrosion but to a mechanical corrosion too. The Stellite gives the seat a higher hardness (better resistance to the mechanical stress) and the type of Stellite (cobalt base Stellite) gives the seat a higher resistance to the chemical corrosion.

Engine Model	Part No. In-Take Valve	Part No. Exhaust
1673	7M7358	9M4163
3066	5I7738	5I7739
3116	1614280	1360819
3204	9N0180	9N0185
3204/3208	9L7682	9L7683
3208 Turbo	9L7682	9N5125
3304/3306 Direct Injection	2W2621	8N0875
3304/3306	1007860	1487455
3406 A	4W5374	2W2443
3406/3408/3412	1152368	1152367
3406C	1537023	1537024
3406E	1220322	1220321

Engine Model	Part No. In-Take Valve	Part No. Exhaust
3408 Gas	1227353	1018314
3508/3512	2102542	2102529
416 Backhoe	2W6988	7W2522
D315/D318	6H3026	4F0212
D339/D342	8H1993	8H1994
D342	1W1818	1W1819
D343	1P0407	7E7830
D398/D379	1W8606	2W3211
D398/D379	7M7817	8N3723
G3406	1227353	1018314
G3516	1047184	1047184

Part Numbers are used for reference purposes only

Quality With Value Guaranteed