



knifemaking.com

	PARKS 50	PARKS AAA	CITGO 521
QUENCH SPEED	7-9 SECONDS	9-11 SECONDS	14-16 SECONDS
VISCOSITY @ 100° F	5.8cSt	11.6cSt	21 cSt
WORKING RANGE	50-120° F	100-180° F	100-180° F
FLASH POINT	275° F	340° F	354° F
1080	X		O
1084	X	G	O
1095	X	G	O
O-1	N	G	O
W-1	X	G	N
W-2	X	G	N
52100	N	G	X
5160	N	G	X
80CrV2	N	X	G
X = BEST	G = GOOD	N = NO	

#50 Quench Oil - A low viscosity oil that approaches water in quench speed, but offers a more uniform, less severe quench. It is recommended for open quench systems operating below 120°F. Best quench oil for 1095 – 1084 – 1080 – 1075

AAA Quench Oil - The world's most widely specified accelerated fast oil quenchant. It is capable of quenching a variety steels, sizes and shaped parts with little or no change in operating parameters. AAA Quench Oil achieves faster cooling rates through intensified action in the initial stages. This, and slower cooling through the martensitic transformation range, minimize distortion and ensures uniform maximum hardness to a greater depth. AAA Quench Oil is suitable for integral quenching and ideal for carbon, low and medium alloy steels. Best all-around quench oil on the market. Can be used with any of the oil quenching steels that Jantz sells.

If you are going to be quenching a range of different alloys and want to invest in only one oil, this is the one you want to purchase.

Citgo 521 – Offers excellent thermal stability and oxidation resistance, uniform heat dissipation for quality hardened steel production, and less viscosity change during the quenching operation compared to low viscosity index oils.

Good all-around quench oil that is compatible with most oil quenching steels.