



Enter your  
(000) 000-0000

Rod model: Reel model: Line: Cast: 50'

Cast Name: Petr2

	Forward Cast			Back Cast			
	YOU	EXPERT	COMMENTS	YOU	EXPERT	COMMENTS	
	Cast Symmetry	78	100	Needs work			
	Cast Arc	98	78	Needs work	61	78	Needs work
	Creep	5	0	Needs work	0	0	Good
	Smoothness Ratio	13.5	5.0	Needs work	8.2	5.0	Good
	Peak Speed	348	330	Excellent	-272	-330	Needs work
	Deceleration	-2444	-3000	Needs work	1632	3000	Needs work
	Stop	47	2	Needs work	-32	-2	Needs work
	Rod Load	21	30	Good	17	30	Needs work

**Symmetry**    **Cast Symmetry**    Your Score: 78    Expert Score: 100    Result: Needs work

Your cast exhibits 78% symmetry. This is not as symmetrical as the expert's symmetry of 90% or greater. Peak rotation speed is 348 degrees/sec on the forward cast, -272 degrees/sec on the back cast. Compare your cast with the expert's.

**Cast Arc**    **Forward Cast**    Your Score: 98    Expert Score: 78    Result: Needs work

Your rod arc is 98 degrees, the expert's arc is 78 degrees. Your arc is significantly wider than the expert's arc indicating you are probably casting an open loop. Rotate the rod less to close the casting arc significantly.

**Back Cast**    Your Score: 61    Expert Score: 78    Result: Needs work

Your rod arc is 61 degrees, the expert's arc is 78 degrees. Your arc is significantly smaller than the expert's arc indicating you may be throwing a tailing loop. Rotate the rod more to open the casting arc significantly.

**Creep**    **Forward Cast**    Your Score: 5    Expert Score: 0    Result: Needs work

Your cast exhibits 5 degrees of 'creep', premature forward motion, effectively shortening your rod arc for the forward cast. This will usually result in tailing loops. To solve this problem, make sure you don't prematurely move the rod forward slowly.

**Back Cast**    Your Score: 0    Expert Score: 0    Result: Good

No creep detected.

**Smoothness Ratio**    **Forward Cast**    Your Score: 13.5    Expert Score: 5.0    Result: Needs work

Your smoothness ratio is 13.5. The expert's smoothness ratio is 5.0. This indicates abrupt power application, the kind that often causes tailing loops. High smoothness ratios indicate rod acceleration that starts too slowly, too soon, followed by hard acceleration later. Begin accelerate your rod slightly later, accelerate smoothly. Your goal is to make the curve as straight as possible.

**Back Cast**    Your Score: 8.2    Expert Score: 5.0    Result: Good

Your smoothness ratio is 8.2. The expert's smoothness ratio is 5.0. This indicates fairly smooth power application, but there is room for improvement. Higher smoothness ratios indicate rod acceleration that starts too slowly, too soon. Begin accelerating your rod slightly later, accelerate very smoothly. Your goal is to make the curve as straight as possible.



# CASTING ANALYZER

## CAST SUMMARY

---

---

**Peak speed Forward Cast** Your Score: 348 Expert Score: 330 Result: Excellent

Your forward cast peak speed is 348 degrees/sec. Well done! Peak speeds in this range are usually an indicator of good, efficient casting at moderate speed.

**Back Cast** Your Score: -272 Expert Score: -330 Result: Needs work

Your back cast peak speed is -272 degrees/sec and the expert's is -330 degrees/sec. Your peak is much smaller than the expert's and you should increase it substantially.

---

**Deceleration Forward Cast** Your Score: -2444 Expert Score: -3000 Result: Needs work

Your deceleration rate is -2444 d/s/s, the expert's deceleration rate is -3000 d/s/s. Your deceleration is relatively slow. Decelerating the rod more quickly will result in tighter loops.

**Back Cast** Your Score: 1632 Expert Score: 3000 Result: Needs work

Your deceleration rate is 1632 d/s/s, the expert's deceleration rate is 3000 d/s/s. Your deceleration is relatively slow. Decelerating the rod more quickly will result in tighter loops.

---

**Stop Forward Cast** Your Score: 47 Expert Score: 2 Result: Needs work

Your stop was not very complete, reaching 47 d/s, compared to the expert's stop of 2 d/s. Relatively incomplete stops like this will result in rounded, less efficient loops. For tighter loops, stop the rod more completely.

**Back Cast** Your Score: -32 Expert Score: -2 Result: Needs work

Your stop was not very complete, reaching -32 d/s, compared to the expert's stop of -2 d/s. Relatively incomplete stops like this will result in rounded, less efficient loops. For tighter loops, stop the rod more completely.

---

**Rod Load Forward Cast** Your Score: 21 Expert Score: 30 Result: Good

Your rod load ratio is 21%, compared to 30% for the expert cast. This is a moderate ratio and indicates a fairly good previous back loop. The loop could be better. To improve it, compare your cast to the expert cast and look for differences in the back cast rod arc, peak speed, smoothness ratio and stop data.

**Back Cast** Your Score: 17 Expert Score: 30 Result: Needs work

Your rod load ratio is 17%, compared to 30% for the expert cast. This is a low ratio and indicates a poor previous forward loop. Usually the reason for the poor loop can be found by comparing the forward cast rod arc, peak speed, smoothness ratio and stop data to the expert cast.

---