



Key Factors by Rotary Vane Pump Technology

External Gear Internal Gear Rotary Vane Peristaltic Solenoid

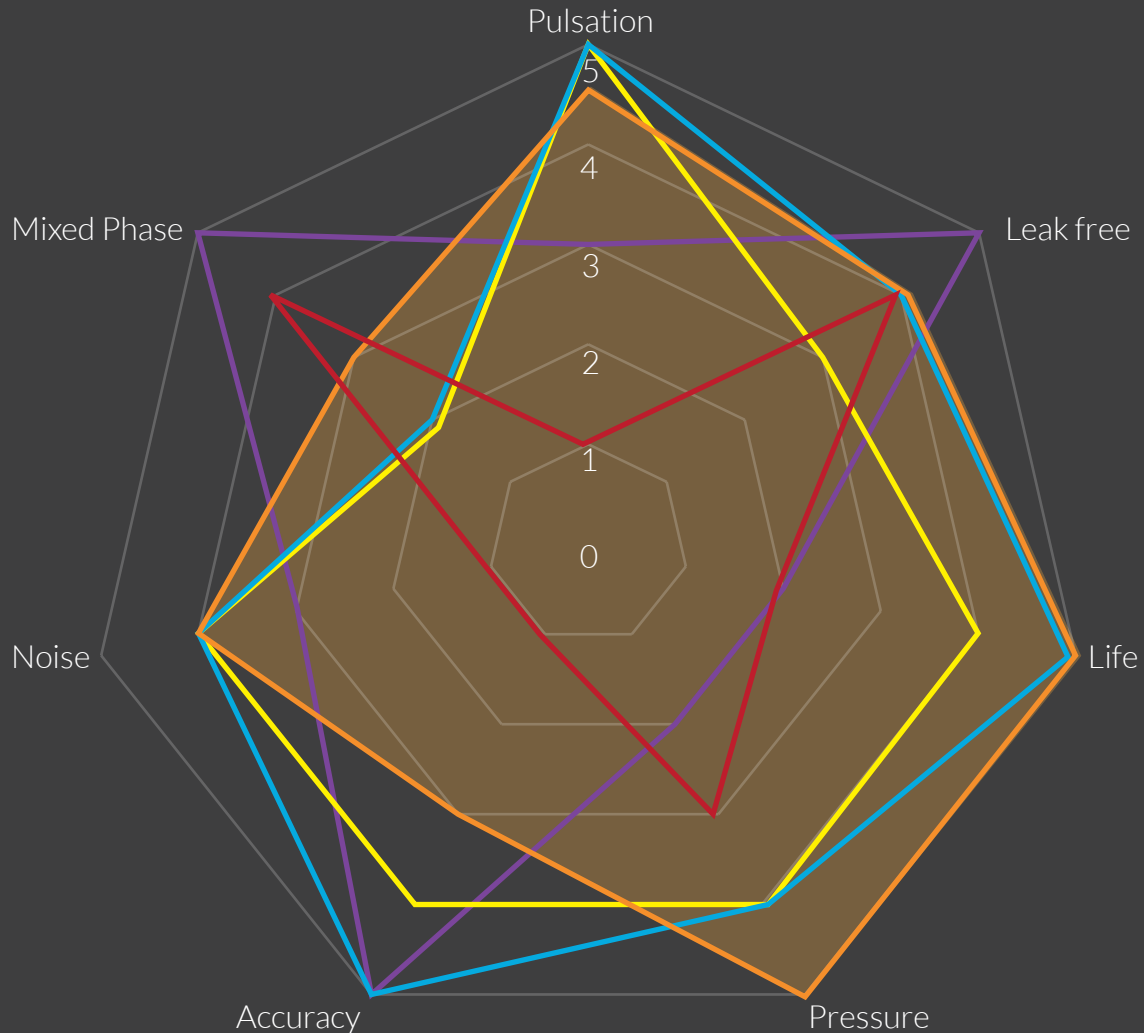


Chart showing the key characteristics of Fluid-o-Tech pumps and the relative capabilities of the different technologies. The higher the score, the better the capability.

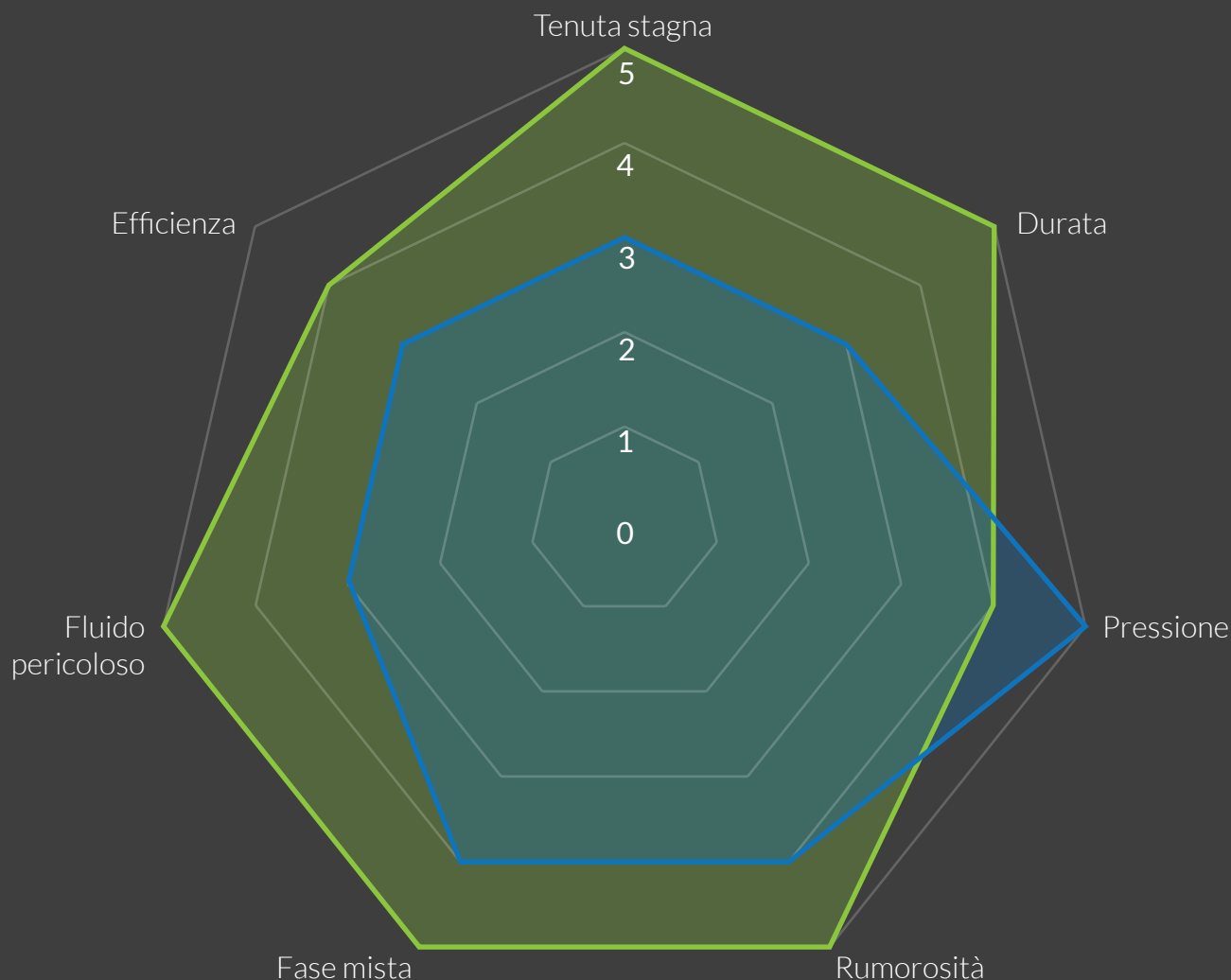
	Pulsation	Sealing	Life	Pressure	Accuracy	Noise	Mixed Phase
1	1 per revolution/stroke	Sliding O ring	<100 hours	< 1 Bar	>2%	Loudest	Not possible
2	2 per revolution/stroke	Rotating O ring	<2000 hours	< 4 Bar	2,0%		
3	3 per revolution/stroke	Mechanical seal	<5000 hours	< 7 Bar	1,0%		Possible with care
4	>3 per revolution	Static Seal	<10000 hours	< 10 Bar	0,5%		
5	No measureable pulsation*	Contiguous form	>10000 hours	> 10 Bar	> 0,1%	Quietest	No issues

*Depends on motor speed and circuit design



Trascinamento Magnetico vs Attacco Diretto

— Trascinamento Magnetico — Attacco Diretto



Il grafico mostra le caratteristiche principali della tecnologia della pompa a trascinamento magnetico rispetto a quella ad attacco diretto. Maggiore è il punteggio, migliore la capacità.

	Tenuta stagna	Vita	Pressione	Rumorosità	Fase mista	Fluido pericoloso	Efficienza
1	Leakage	< 1000h	< 1 Bar	Molto rumorosa	No	No	Geringe Leistungsfähigkeit
2		< 2000h	< 4 Bar				
3	Wenige Tropfen A few drops Leakage	< 5000h	< 7 Bar			No	
4		< 10000h	< 10 Bar				
5	Kein Leckage	> 10000h	> 10 Bar	Mit Qualität	Yes	Yes, wenn mit den Pumpenwerkstoffen kompatibel	Hohe Leistungsfähigkeit