

JP-5 IN AIRCRAFT CARRIER NAVY



Background	Technical Data
<p>JP-5 is a high flash point kerosine (meeting) complying with the requirements of the U.S. Navy, this is primarily jet fuel for use in aircraft carriers. NATO Code F-44.</p> <p>JP-5 and JP-8 (stand for jet Propellants are substances that move other objects or give thrust). They are used by the military as aircraft fuels. JP-5 is the U.S. Navy's primary jet fuel, and JP-8 is one of the jet fuels used by the U.S. Air Force.</p> <p>Both JP-5 and JP-8 are colorless liquids and smell like kerosene, flammable and toxic for human. JP-5 and JP-8 can be made from refining crude petroleum oil deposits found underground and under the ocean floor. They can also be made from shale oil found in rock.</p>	<ul style="list-style-type: none"> • JP-5 (Kerosene) • Ambient • Atmospheric • Marine type approvals
	Challenges
	<ul style="list-style-type: none"> • Very aggressive media • Security first priority onboard • Military grade ship



Solution	Key points
<p>The solution was found with the Sylax butterfly valves adapted with Lug type body, ATEX GGG40, Nitrile liner, and Alubronze disc coated with thermic treatment Epoxy. Grade 3.2 Lloyds certification.</p> <p>Sylax one piece Shaft allows a self positioning of the disc witch insure a perfect shut off and improve the security.</p> <p>Socla expertise and good customer relation management helped to build a specific solution and design a specific coating based on standard products. Thus guarantying an economic solution and an easy backup on the valve maintenance.</p>	<ul style="list-style-type: none"> ✓ Expertise ✓ Adapted product ✓ 5 years warranty ✓ Marine approvals
	Approvals

