



**ONIS « Quick Filter Changer » (PLF)**

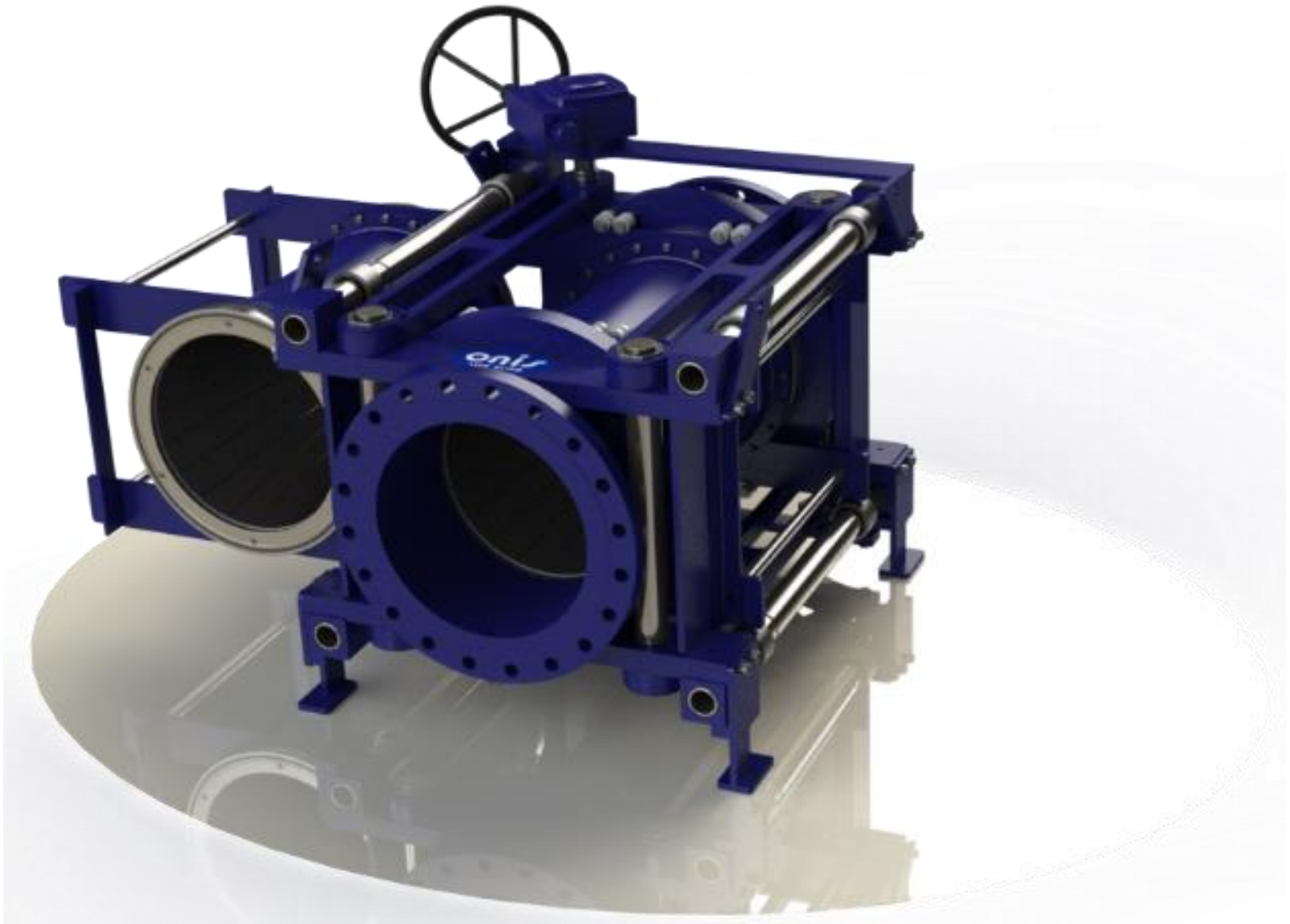


CONCEPT

## KEY POINTS

- Based on ONIS standard design (excentric motor shaft)
- Specific slide gate to support the filter
- 2 filter positions : 1 in working position & 1 in waiting position











**BUSINESS CASE**

## ◆ PDVSA (Venezuela)

Replacement of traditional filter with an ONIS filter support (PLF) :

- 16" 150# crude oil, inlet pump (booster)
- Location: Patio Tanques Travieso (PTT), Norte de Monagas, Venezuela
- Maintenance program required every 6 months

	Traditional method	ONIS PLF 16" 150#	Benefits
Staff	6	1	
Tools	Many tools, cranes...	Zero tool	
Time of operation	6 Hours	3 Minutes	5H 57min
Initial cost	≈ 0 USD	70 KUSD	

Function of pump capacity, payback time will vary but:

**PRODUCTION SAVING IS ALMOST 6 HOURS FOR EACH OPERATION !!!**



## ◆ Asfaltos Españoles (ASESA, Spain)

Replacement of “Y” filter with an ONIS filter support (PLF) :

- 3” 150# Acid water + particules, inlet pump (before exchanger)
- Location: Patio Tanques Travieso (PTT), Norte de Monagas, Venezuela
- Maintenance program required every 6 months



Function of pump capacity, payback time will vary but:

**PRODUCTION SAVING IS ALMOST 6 HOURS FOR EACH OPERATION !!!**