



ORITES

DS 270X



100 % synthetic hypercompressor oil for EVA manufacturing, up to high levels of VAM



ORITES DS 270X

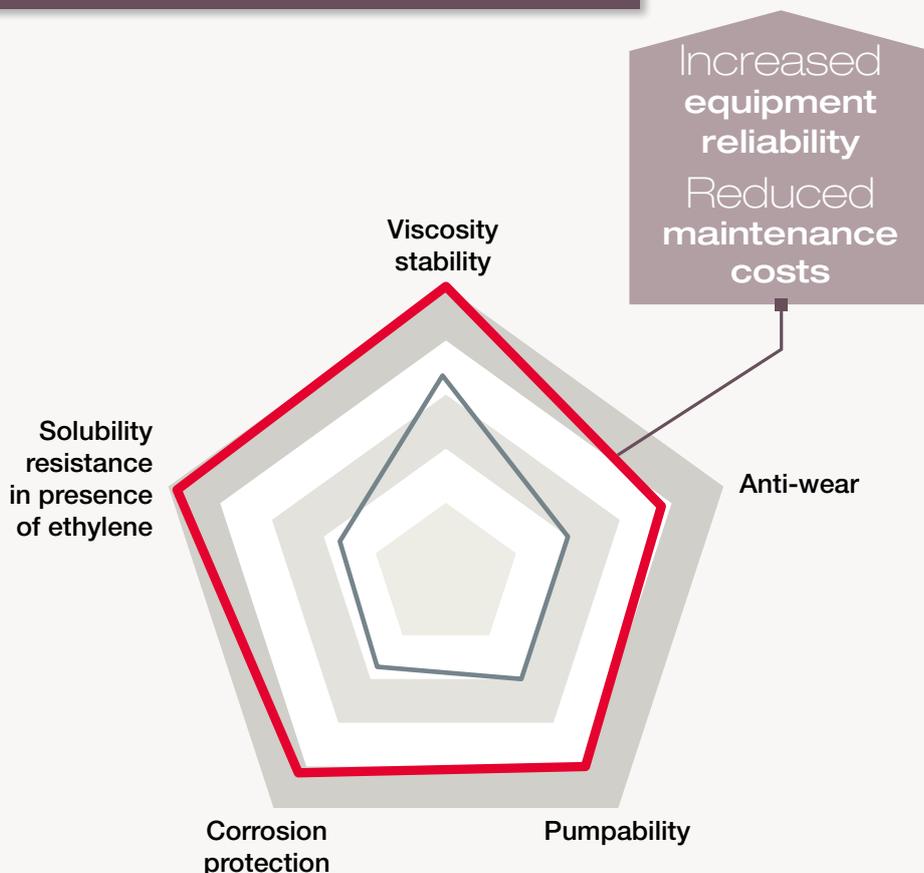
is designed for **EVA (Ethylene Vinyl Acetate) manufacturing** and utilizes unique additive technology that prevents oil wash-out and guarantees pumpability under extreme pressures.



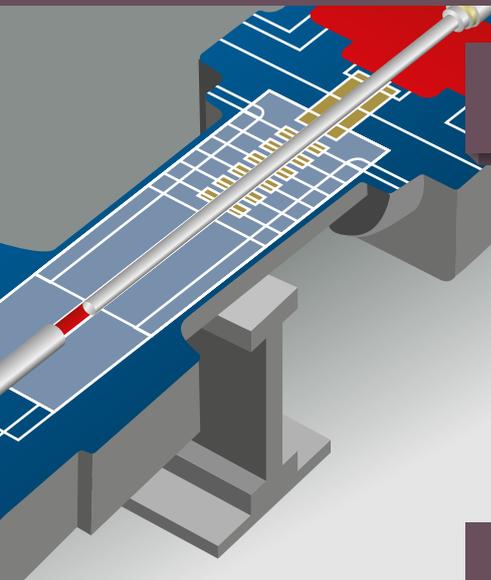
CUSTOMER BENEFITS

- > Reduced oil consumption
- > Extended packing life
- > Maximized protection of mechanical parts
- > Suitable for LDPE-EVA copolymer production

OPTIMAL PERFORMANCE

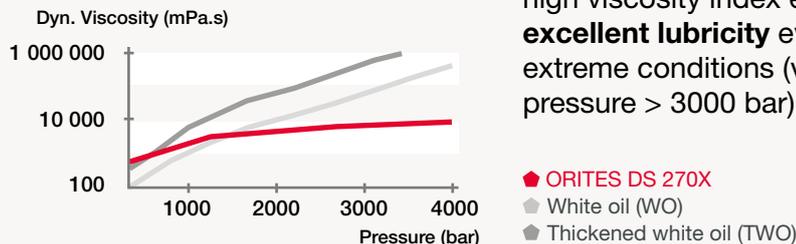


◆ ORITES DS 270X
◆ Thickened white oil (TWO)



EXCELLENT BEHAVIOR VISCOSITY/PRESSURE

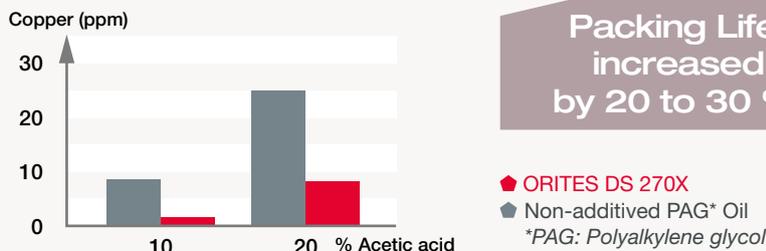
> Dynamic viscosity behavior



ORITES DS 270X inherent high viscosity index ensures **excellent lubricity** even under extreme conditions (very high pressure > 3000 bar).

EXCEPTIONAL MECHANICAL PROTECTION

> Corrosion test in presence of acetic acid

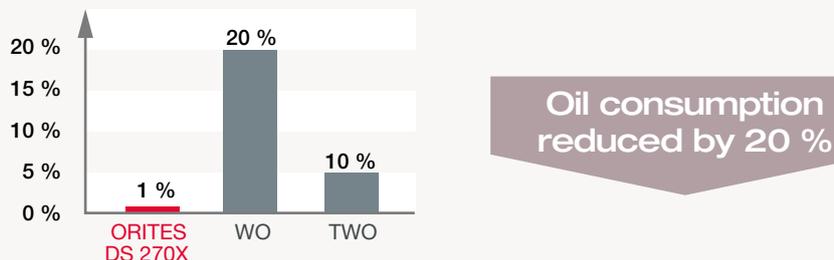


Packing Life
increased
by 20 to 30 %

During the EVA process, the presence of acetic acid is unavoidable, resulting in severe corrosion of the plunger and packings. **ORITES DS 270X** is formulated with specific additives to **neutralize acids and ensure exceptional protection of mechanical parts.**

MINIMUM GAS SOLUBILITY, MAXIMUM LUBRICITY

> Solubility in a VAM/Ethylene mixture (250 bar - 120° C)



Due to its specific chemical nature, the solubility of **ORITES DS 270X** in the process gas is considerably reduced compared to white oils. It displays **good resistance to Ethylene-VAM* wash-out**, ensuring an appropriate lubricating film thickness on mechanical surfaces which translates to increased machine reliability.

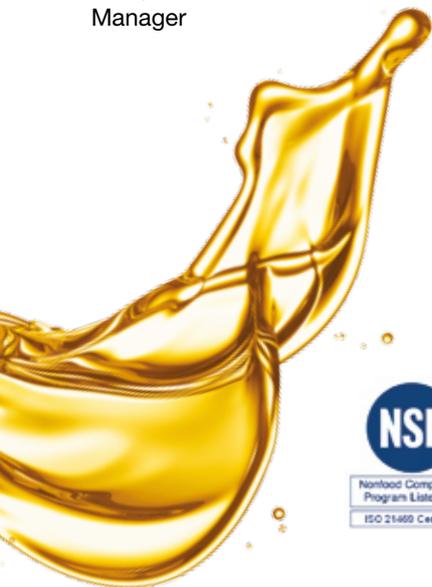
*VAM: Vinyl Acetate Monomer

✓ STANDARDS AND SPECIFICATIONS:

- ISO 6743-3: DGC
- European Plastic Directive 2011/10/EC
- NSF-H1
- Tested and Certified by Burckhardt Compression

“ Thanks to our extensive experience with LDPE-EVA production worldwide, we can unequivocally say that our **ORITES DS 270X** provides unsurpassed performance in high pressure gas compression applications providing our customers with increased productivity, better equipment reliability and higher protection of the mechanical parts. ”

Elisa, Total Product Manager



- **ORITES DS 270X** is NSF H1 registered (n°140517) suitable for incidental contacts with food.
- **ORITES DS 270X** fulfills the most severe criteria of HSE requirements compliant with European Plastic Directive 2011/10/EC into contact with food stuffs.