Performance profile

HyJet™ V

Potential advantages and benefits

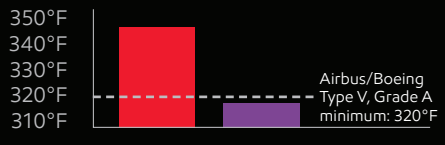
1. Exceptional stability (vs. Type IV) for reduced maintenance costs
2. Maintains precise system control at low and high temperatures
3. Wear, rust and corrosion protection helps extend equipment life
4. Low density helps reduce load weight and provide fuel savings

Many of today's commercial aircraft hydraulic systems require a fire-resistant fluid that offers greater stability, better wear protection and stronger corrosion control than Type IV hydraulic fluids can provide. Approved for all Airbus and Boeing aircraft, HyJet V helps mixed fleets extend the life of hydraulic systems.

Since its introduction in 2008, more than 2,500 aircraft have operated on HyJet V. That's more than 10 million in-service hours on all key commercial aircraft types. It is compatible with all approved Type IV and Type V hydraulic fluids, elastomers and other hydraulic system materials. HyJet V is fully approved in any commercialized 5000 psi hydraulic pressure system.

Excellent flammability characteristics

- HyJet V: 345°F
- Competitive Type V Fluid: 318°F



ASTM D-92 Flash Point Comparison (Typical Values)
HyJet V exceeds Airbus and Boeing Type V, Grade A, flash point specifications, offering a higher measure of safety.

Did you know?

HyJet V offers more than

2X

the fluid life of Type IV hydraulic fluids.

Recommended applications

- SAE Aerospace Standard AS1241, Type V
- Airbus NSA 307110N
- Boeing BMS 3-11P, Type V, Grade A and C
- Boeing-Long Beach DMS 2014H, Type 5
- ATR NSA307110N, Type V
- Gulfstream 1159SCH302J, Type V
- Fokker, SL050, Type V

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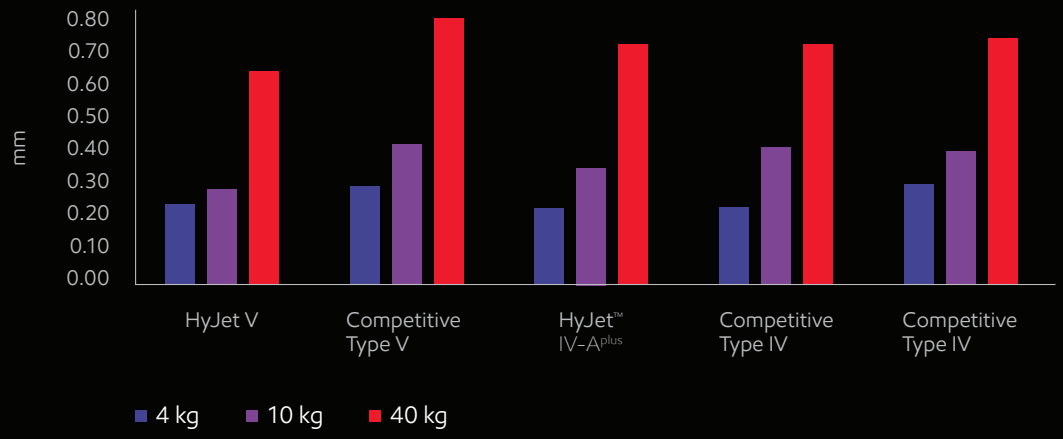
HyJet™ V

Better wear protection

The Four Ball Wear Test (ASTM D 4172) determines the lubricity and wear protection properties of a lubricant.



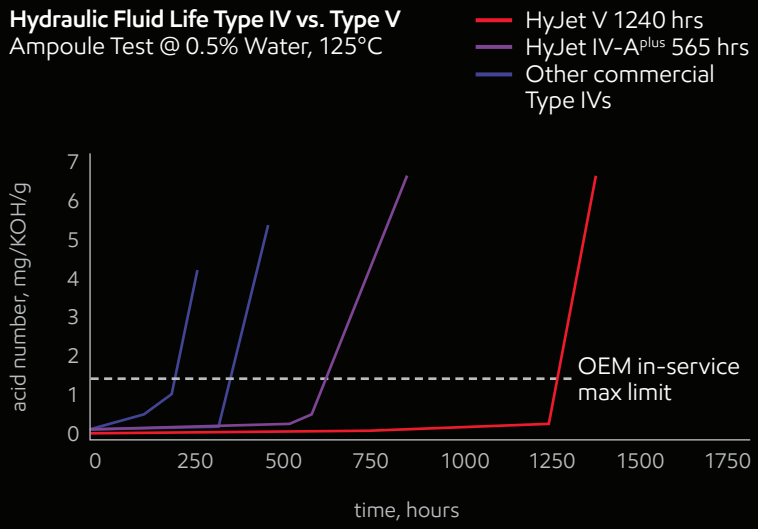
Wear Scar in mm after one hour at 600 rpm, 75°C, and force as shown

The Four Ball Wear Test (ASTM D 4172) produced generally smaller scars for HyJet V than for samples of other Type IV and Type V commercial products. The difference in wear protection performance between HyJet V and the competitive Type V product was especially pronounced.

Longer in-service life

The Airbus NSA 307110 Ampoule Test measures a fluid's resistance to reaction with water (hydrolytic stability) and molecular breakdown at high temperatures (thermal stability).

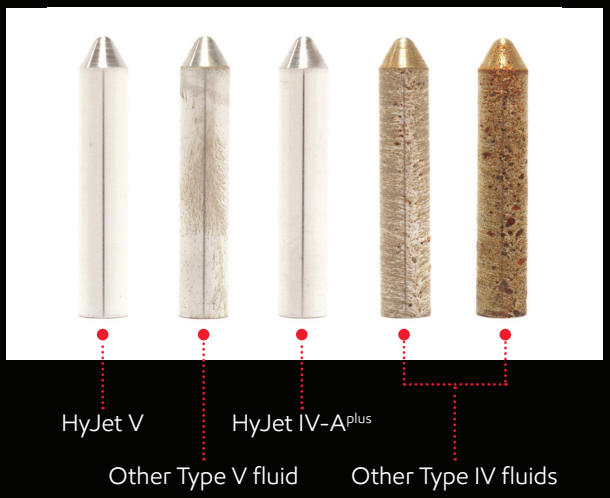
Hydraulic Fluid Life Type IV vs. Type V
Ampoule Test @ 0.5% Water, 125°C



Side-by-side testing confirmed that HyJet V offers better stability and longer in-service life than Type IV fluids.

Stronger corrosion control

The ASTM D 665A test identifies rust on polished steel rods that have been exposed to 10 percent water in fluid for 24 hours at 60°C (thermal stability).



Rust protection comparison

HyJet V combats corrosion better than competitive Type IV and Type V hydraulic fluids. Superior rust protection provides a measure of security against potentially damaging high-level water contamination of an aircraft's hydraulic system.

For more information

Please contact your ExxonMobil aviation sales representative.

exxonmobil.com/aviation