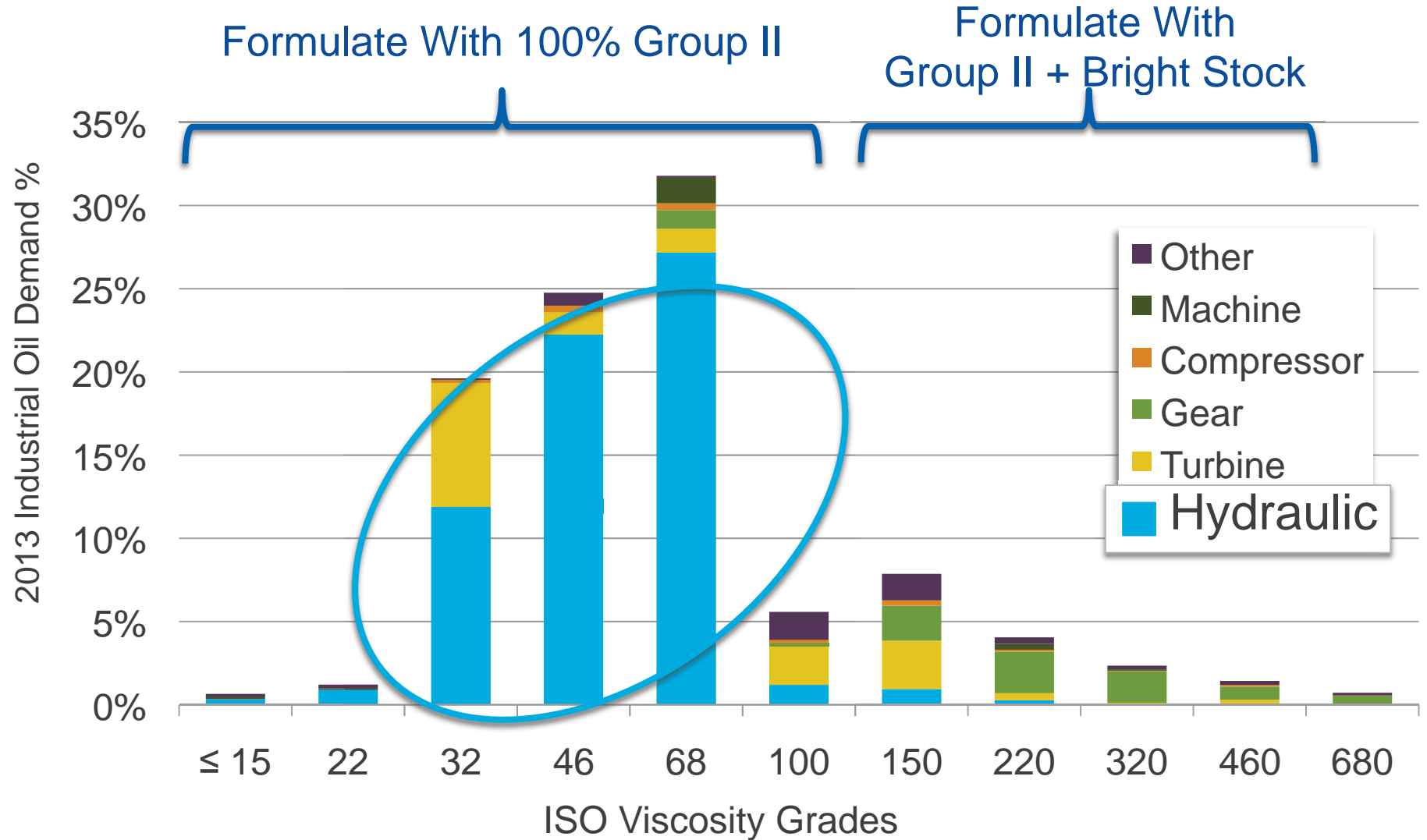


Chevron Group II Industrial Oil Performance



Chevron Group II base stocks can be used in >95% of industrial oil applications



Chevron Group II Base Oil Performance Properties Align With Industrial Oil Needs

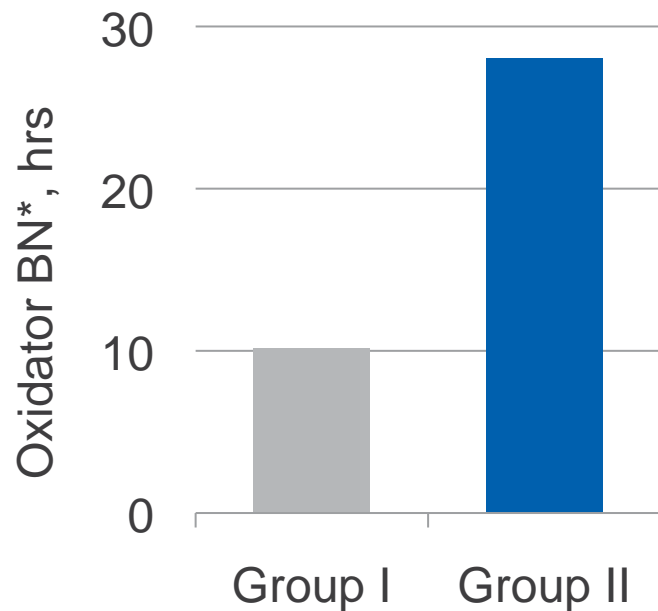


- Wide viscosity range
- Excellent oxidative and thermal stability
- Water separability
- Low temperature properties
- Air release

Excellent Oxidative and Thermal Stability

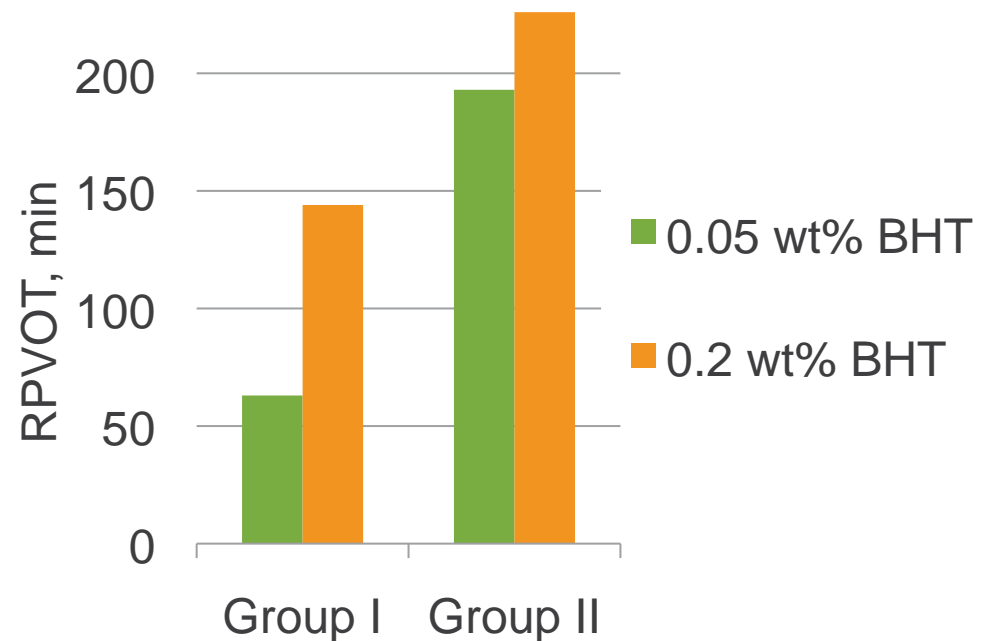


1-L Oxidation Uptake



Better oxidation stability in the presence of metal catalyst and heat

RPVOT ASTM 2272 Same Anti-oxidant Treat Rate



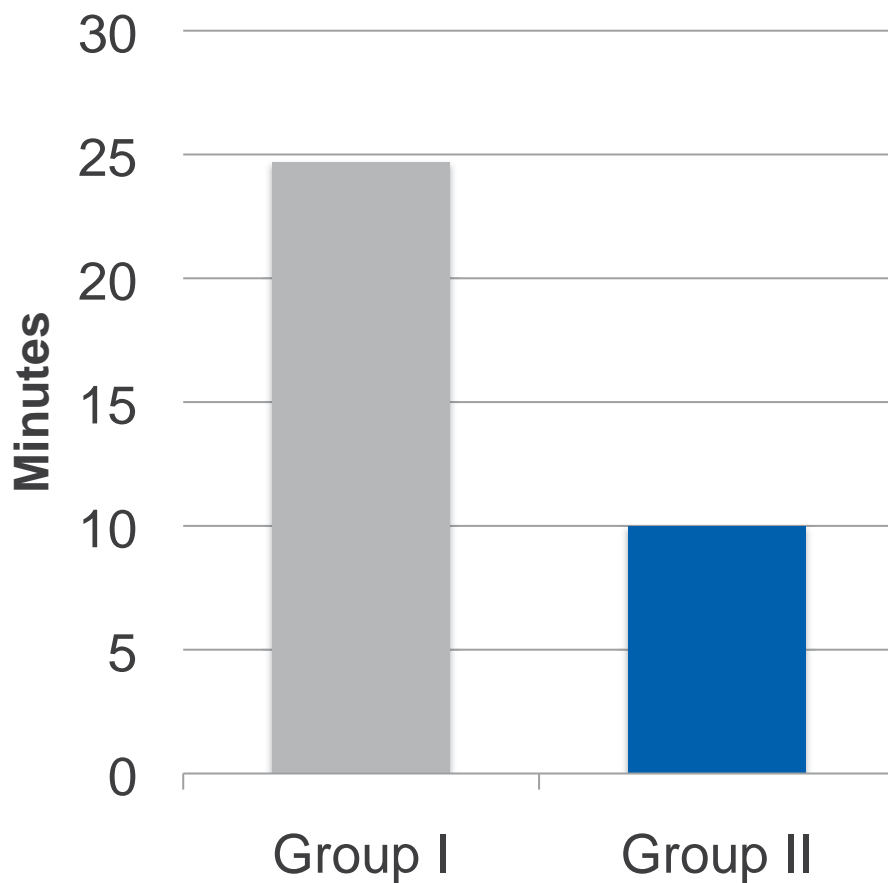
Better oxidative stability and better engine protection than Group I formulations

Source: Chevron proprietary test

Group II Base Oils Separate From Water Twice As Fast As Group I



Demulsibility ASTM D1401





In hydraulic oils Chevron Group II formulations have better oxidation stability, filterability and air release than Group I

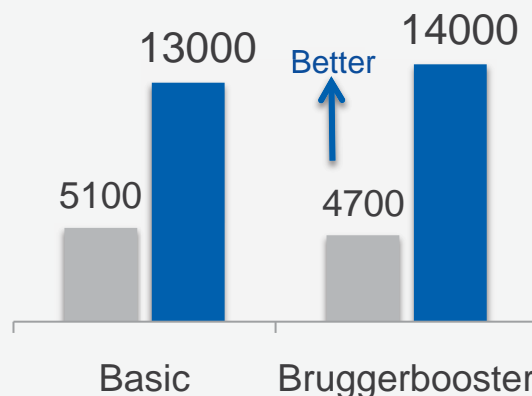
Hydraulic Oils



- 65% of industrial oils are hydraulic oils
- 98% of those can be formulated with 100% Group II

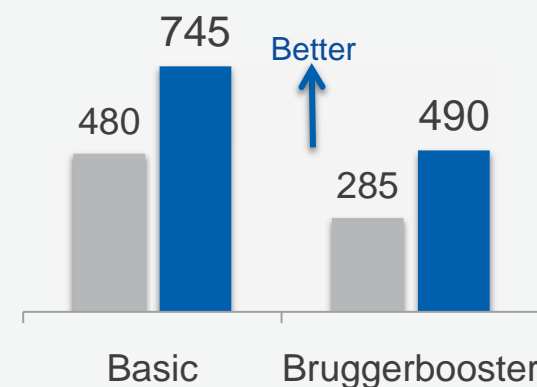
■ Group I
■ Group II

TOST (Hours)



Data Courtesy of RheinChemie

RPVOT (Minutes)

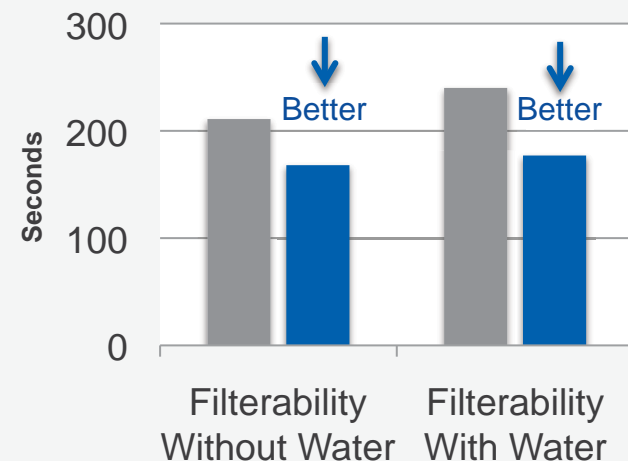


Air Release ASTM D3427

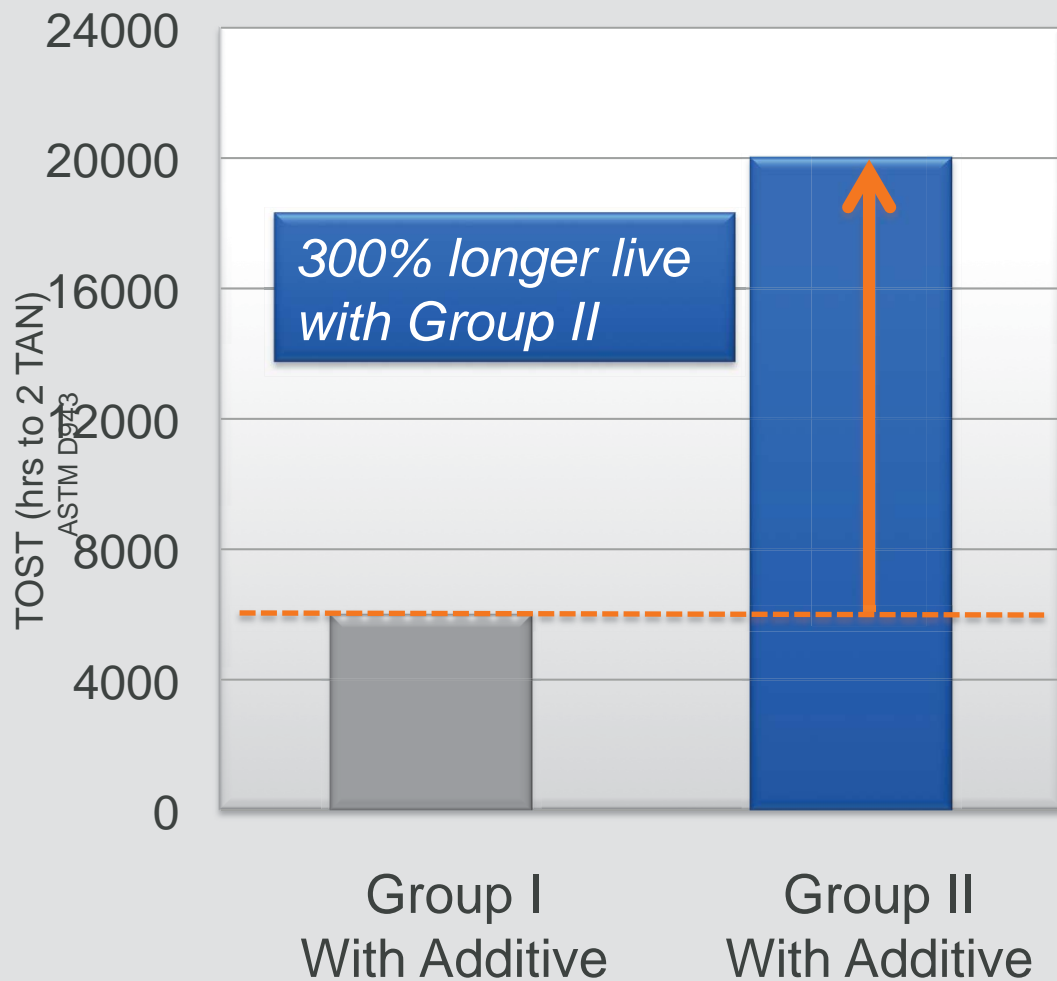


Data Courtesy of Lubrizol

Denison Filterability TP-02100A



Turbine Oils – 300% Longer Life With Group II



Turbine Oils



Higher performing turbine oils can improve marketing opportunities

Compressor Oils

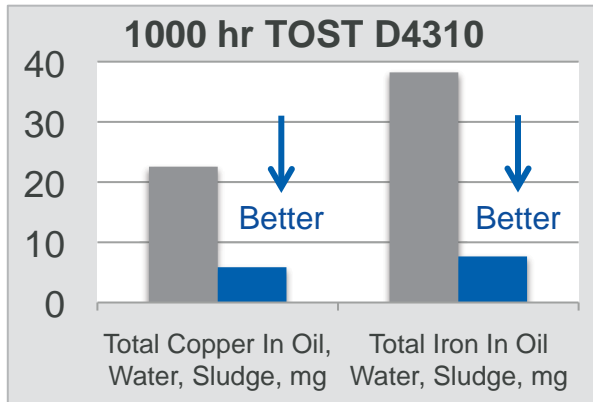
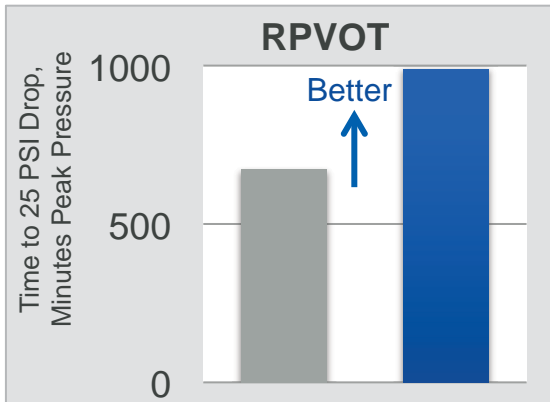
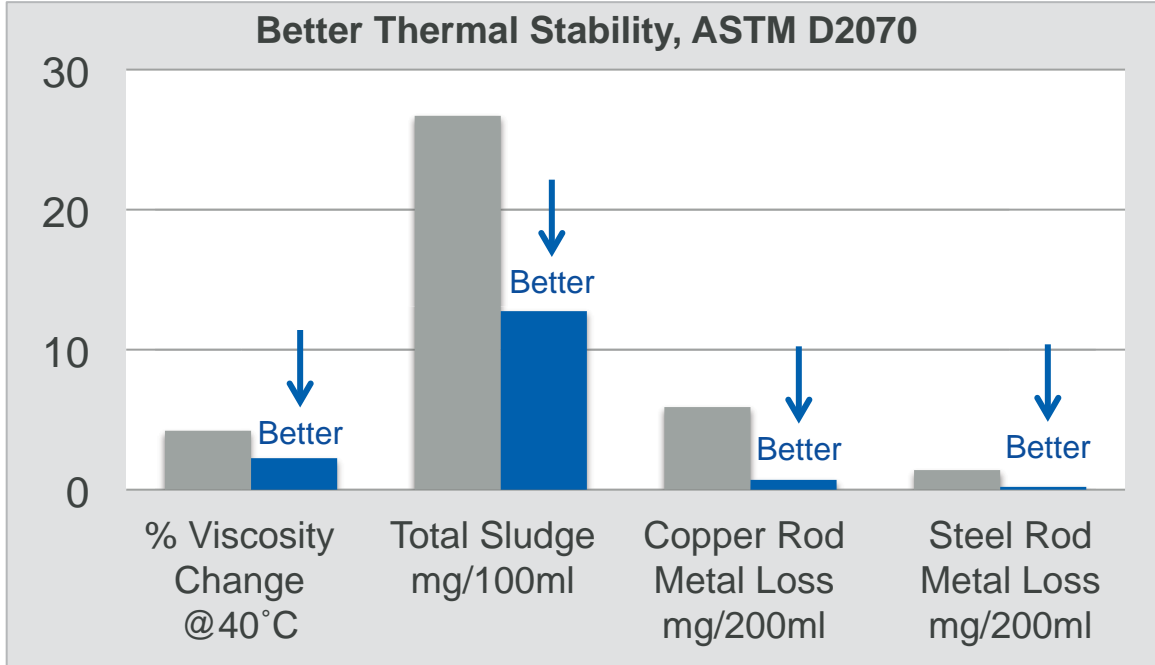


Compressor Oils



**Better Thermal Stability
Less Corrosion
Less Sludge**

■ Group I
■ Group II





Summary – For Industrial Oils, Group II Should Be Your Base Oil Of Choice

- Base oil quality key to industrial oil performance
- Group II properties align with industrial oil needs
- Group II can be used in >95% of industrial oil applications
- Substantial performance improvement over Group I formulations
- Global availability enables formulating optimization