

Mobil DTE™ 20 Ultra Series

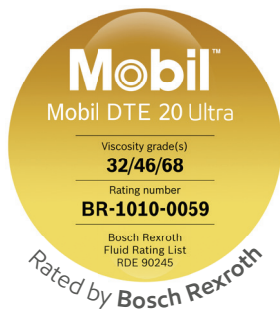
Performance you can trust.



Energy lives here™

2X increase in oil life*

Cut expense on hydraulic oil
Contribute to environmental care



High performance backed by industry's leading standard

Bosch Rexroth Fluid Rating List RDE 90245

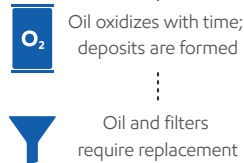
As an industry leader, you aim to achieve:

- Less maintenance and reduced human-machine interaction
- Zero breakdowns and minimized unscheduled downtime
- Effortless adherence with equipment builder's guidelines

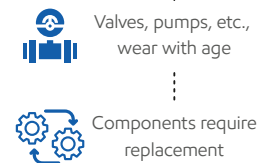
Mobil DTE™ 20 Ultra is designed to help you achieve your goals easily and efficiently.

Why hydraulic systems need maintenance

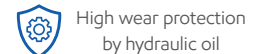
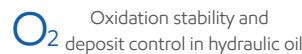
Oil factors



Machine factors



Maintenance can be reduced and made effortless by



Hydraulic oil selection plays a big part in helping you manage your maintenance efforts and slow down equipment aging.

*Mobil DTE 20 Ultra Series oils have demonstrated up to 2 times longer oil drain intervals versus similar competitive oils (with a viscosity index around 100 and a zinc-based antiwear system - meeting at least ISO 11158 (L-HM) and/or DIN 51524-2 (HLP type) requirements).

Mobil DTE 20 Ultra gives you



Outstanding deposit control for longer oil life



Superior wear protection to extend component life

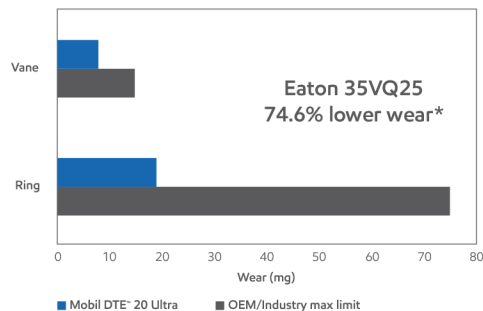


Performance exceeding industry standards

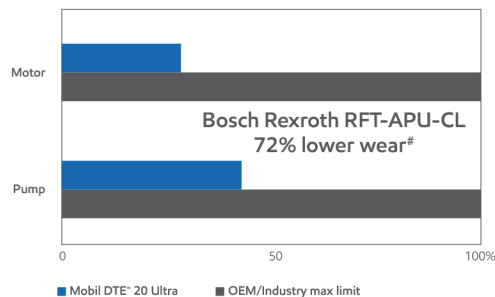
Antiwear protection exceeding industry standards

Mobil DTE™ 20 Ultra displayed outstanding wear protection under real-time test conditions

Mobil DTE™ 20 Ultra – Bosch Rexroth test results



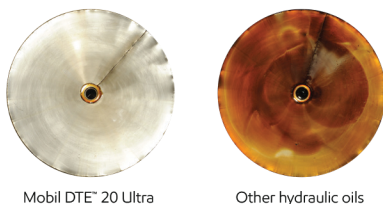
Other hydraulic oils – Failure examples



(**) Retaining plate failure caused by slipper pad damage.

Outstanding oxidation stability and deposit control

- Keep-clean technology
- Accurate valve operation and extended life



- Extended filter life



89.2%↓
sludge formation[†]
(ASTM D2070)

Mobil DTE 20 Ultra Series demonstrates exceptional deposit-control characteristics in accelerated test rigs simulating field conditions when compared with competitive oils.

US \$15,441

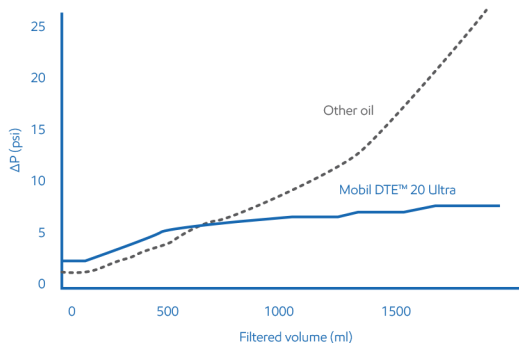
Situation: Shandong Quanlin paper was facing water ingress in its paper machines, causing short hydraulic oil life and high damage.

Solution: Mobil DTE 20 Ultra was recommended because of its superior oxidation stability and anti-sludge capability.

Result: ODI was extended and damage was reduced, generating an annual savings of **US \$15,441**

Wet Pall Filterability Test

Pressure increase during filtration



Lower is better

Mobil DTE™ 20 Ultra demonstrates exceptional water-handling characteristics.

Disclaimer: *74.6% lower wear than maximum limit for ring wear in Eaton 35VQ25 test; #72% lower wear than maximum limit for motor wear in BR RFT APU CL test.
†89.2% lower sludge formation than maximum limit of ASTM D6158 by using ASTM D2070 method. The images used are for illustration only and may vary from actual lab test results.

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