

Mobil DTETM 20 Ultra Series

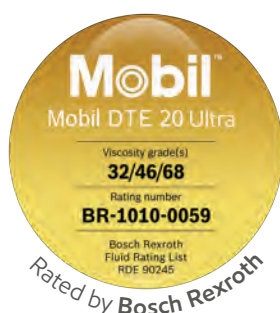
Performance you can trust.



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 DTETM 20 Ultra is designed to help you achieve your goals easily and efficiently.


Why hydraulic systems need maintenance


Oil factors

 Oil oxidizes with time; deposits are formed


 Oil and filters require replacement


Machine factors


 Valves, pumps, etc. wear with age

 Components require replacement

Maintenance can be reduced and made effortless by

 Oxidation stability and deposit control in hydraulic oil

 High wear protection by hydraulic oil

 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 long oil life



Excellent wear
protection to help
extend component life

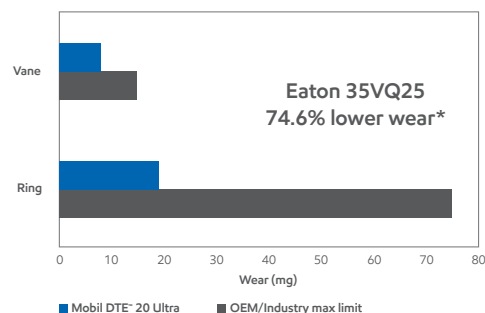


Performance
exceeding industry
standards

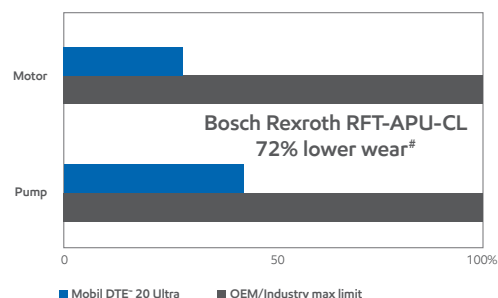
Antiwear protection exceeding industry standards

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

Mobil DTE™ 20 Ultra - Bosch Rexroth test results



Failure examples



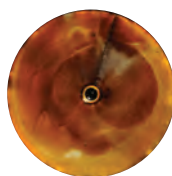
(**) retaining plate failure caused by slipper pad damage

Outstanding oxidation stability and deposit control

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



Mobil DTE™ 20 Ultra



Other hydraulic oils

- Extended filter life



Mobil DTE™ 20 Ultra



Other hydraulic oils

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

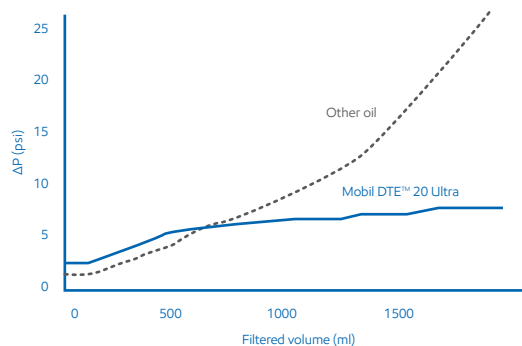
US \$15,441

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, filterability and anti-sludge capability.

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

Mobil DTE™ 20 Ultra demonstrates exceptional water handling characteristics.



Lower is better

Wet Pall Filterability Test – pressure increase during filtration

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,

†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.

*This Proof of Performance is based on the experience of a single customer. Actual results can vary depending upon the type of equipment used and its maintenance, operating conditions and environment, and any prior lubricant used.

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