

Mobil DTE™ 20 Ultra Series

Performance you can trust.



Energy lives here™

Key benefits



Excellent deposit control for longer oil life



Superior wear protection to extend component life



Performance exceeding industry standards

As an industry leader, you aim to achieve:

- Lower maintenance costs and to reduce machine interactions
- Zero breakdowns and to reduce unscheduled downtime
- Guidance from equipment builders' recommendations

Mobil DTE™ 20 Ultra is designed to help you achieve these goals effectively and efficiently.

Up to **2x**
Increase in oil life*
Cut expense on hydraulic oil
Contribute to environmental care

Why hydraulic system need maintenance

Oil factors



Oil oxidises with time, deposits are formed



Oil and filter require replacement

Machine factors



Valves, pumps etc. wear with age



Components require replacement

Maintenance can be reduced by



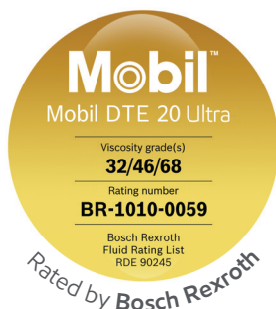
Outstanding oxidation stability and deposit control of the hydraulic oil



High wear protection offered by the hydraulic oil



Hydraulic oil selection plays a significant role in helping you manage your maintenance activities and protect your equipment



High performance backed by industry's leading standard
Bosch Rexroth Fluid Rating List RDE 90245

* Mobil DTE 20 Ultra Series oils have demonstrated up to 2 times longer oil drain intervals versus similar competitive oils (ISO VG 46 with a viscosity index around 100 and a zinc-based anti-wear system - meeting at least ISO 11158 (L-HM) and/or DIN 51542-2 (HLP type) requirements) in demanding Mobil Hydraulic Fluid Durability (MHFD) testing.

Mobil DTE™ 20 Ultra Series

Anti-wear 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



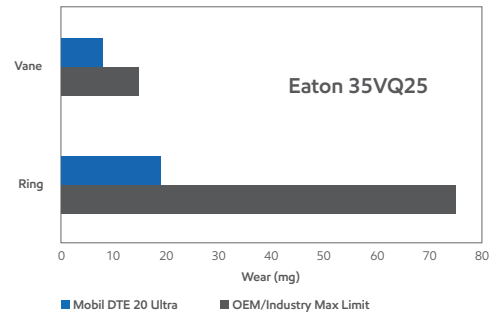
Retaining Plate



Piston



Slipper Pad



Other hydraulic oils - Failure Examples



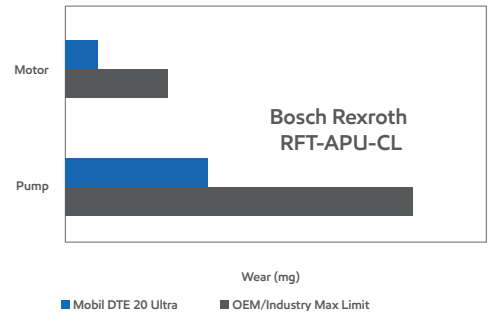
Retaining Plate



Piston



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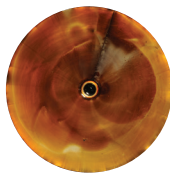
Outstanding oxidation stability and deposit control

- Keep clean technology
- Accurate valve operation and extended life

- Extended filter life



Mobil DTE™ 20 Ultra
1000 Hour Photo



Other hydraulic oils
1000 Hour Photo



Mobil DTE™ 20 Ultra



Other hydraulic oils

89.2%↓
sludge formation^{***}
(ASTM D 2070)

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

Industrial Lubricants



Advancing Productivity™

Safety

Extended oil drain intervals reduce safety hazards by nature and the risks associated with employee-equipment interaction.

Environmental Care†

Long oil and filter life help control your waste oil generation and maintenance related waste.

Productivity

Through outstanding oxidation and thermal stability Mobil DTE 20 Ultra Series helps extend oil life and reduce deposit formation even under harsh operating conditions and high power density.

* 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 (ISO VG 32).

** retaining plate failure caused by slipper pad damage

*** 89.2% lower sludge formation than maximum limit of ASTM D 6158 by using ASTM D 2070 method (ISO VG 68).

† Visit mobil.com/industrial to learn how certain Mobil-branded lubricants may provide benefits to help reduce environmental impact. Actual benefits will depend upon product selected, operating conditions and applications.

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