



Mobil DTE 10 Excel Series

Next-generation hydraulic oils



Introducing the new standard in lubricants for hydraulic systems. Driven by the harsh lubrication demands of today's new machinery, the makers of Mobil Industrial Lubricants have formulated the revolutionary Mobil DTE 10 Excel Series. Representing the latest in hydraulic fluid technology, Mobil DTE 10 Excel Series lubricants are state-of-the-art, patent-pending, high-viscosity-index hydraulic fluids designed to meet the needs of modern, high-pressure industrial and mobile equipment hydraulic systems — lifting hydraulic efficiency to greater heights.

Ultra keep-clean performance for increased equipment life with minimum downtime — lasting up to 3x longer than the competition. Based on our proprietary Mobil Hydraulic Fluid Durability (MHFD) testing, Mobil DTE 10 Excel Series lubricants keep hydraulic systems cleaner, longer — for greater durability under the

harshest conditions, reduced machine maintenance, and increased productivity through improved machine availability.

Increased hydraulic efficiency means greater productivity. Mobil DTE 10 Excel Series can help provide quantifiable increases in hydraulic efficiency, translating to reduced power consumption or increased machine output, resulting in monetary savings. Under controlled laboratory testing, hydraulic pump efficiency increases of up to 6 percent have been demonstrated; in controlled field testing, up to 6 percent improvement was measured in fuel consumption* in hydraulically driven loaders and excavators.

Fluid and equipment durability, even under harsh conditions. When operating temperatures rise, Mobil DTE 10 Excel Series' outstanding shear stability provides maximum lubrication and increased hydraulic efficiency to help keep your operation at peak output. Excellent low-temperature pumpability offers reliable starting and pump protection down to -40°C. Excellent air release properties protect vital hydraulic system components from cavitation and aeration damage, enhancing machine and equipment longevity and productivity.

**Results may vary depending on operating conditions.*

High-Performance Benefits

Long life and durability

Excellent shear and thermal stability provide maximum equipment protection and performance at high- and low-temperature extremes.

Ultra keep-clean

Helps keep systems free of deposits for up to 3x longer than competitive fluids in demanding proprietary MHFD testing, allowing for clean, trouble-free operation of hydraulic systems.

Environmentally conscious

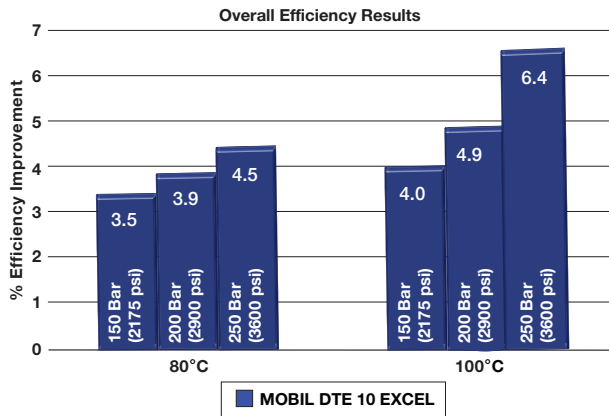
Acute and chronic studies indicated no aquatic toxicity of significance, eliminating classification for environmental hazard.

Efficient

Provided quantifiable hydraulic efficiency benefits in controlled lab testing, which led to reduced power consumption. Excellent high- and low-temperature viscometrics allow for a wider effective temperature range of operations.

Mobil DTE 10 Excel Series — Performance

Hydraulic Efficiency — Bench Test



Mobil DTE 10 Excel Series lubricants provided hydraulic pump efficiency benefits up to 6% when compared with a typical reference hydraulic fluid in controlled bench testing.



Hydraulic efficiency benefits can translate to increased machine productivity and/or reduced fuel consumption. In a controlled field demonstration with a commercially available excavator, up to a 6% reduction in fuel consumption per work cycle was documented, as well as a significant reduction in cycle time versus a standard SAE 10W hydraulic fluid.*

*Results may vary depending on operating conditions.

Ultra Keep-Clean Performance



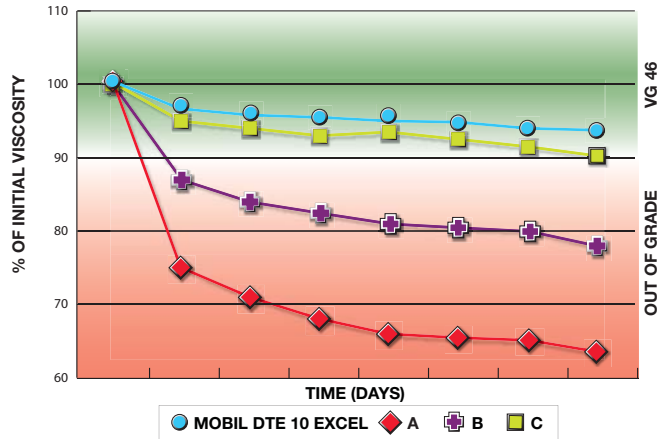
**LEADING COMPETITOR
750 HOURS**



**MOBIL DTE 10 EXCEL
2,500 HOURS**

In demanding proprietary MHFD testing, Mobil DTE 10 Excel outlasts competitive mineral products, keeping systems cleaner for longer periods of time.

Shear Stability



In a vane pump operating at 2,000 psi and 120°F (45°C), some competitive oils shear out of grade in as little as one day. Mobil DTE 10 Excel is designed to resist rapid shearing, providing maximum equipment protection and hydraulic system efficiency.

Equipment Builder and Industry Recognition

Mobil DTE 10 Excel Series meets or exceeds the following industry specifications:†

Denison HF-0	ISO11158 HV
Eaton M2950	DIN 51524 pt. 2
CM P70, P69	DIN 51524 pt. 3
JCMAS HK-1	

Please refer to the equipment builder manual for final lubrication recommendation.
†These do not apply to all viscosity grades.

For more information on the Mobil DTE 10 Excel Series and other Mobil Industrial Lubricants and services, please contact your local company representative or visit www.mobilindustrial.com.