Q8 Erebus MP 100

Description
Q8 Erebus MP oils are multi-purpose gear and machine tool lubricants. They are designed to have good oxidation resistance and are fortified by highly effective extreme pressure, anti-wear , anti-corrosion, anti-foam and boundary reducing additives. Q8 Erebus MP oils combine the characteristics of high specification gear oils together with those of hydraulic fluids and slideway lubricants. A high viscosity index and wide range of operating temperature is another feature of this range of oils. This means that from very cold starting conditions well below zero, right up to 100°C, all moving parts receive full lubrication and protection against wear.

Application
- Industrial gears

Q8 Erebus MP oils are recommended for all heavy duty industrial enclosed gear sets lubricated by splash or circulation. They have excellent load carrying properties with a performance level exceeding the requirements of major gear oils specifications. Their special friction characteristics make them ideal also for worm reduction gears especially where worm wheek flaking has been observed when using a conventional or non-additive oil.
- Hydraulic systems

The zinc-free anti-wear properties, good filterability and stability of Q8 Erebus MP oils mean that the appropriate viscosity grades are also suitable hydraulic fluids for most machine tool systems including those operating with high efficiency pump units.
- Slideway lubrication

Q8 Erebus MP oils have "oiliness" low friction additive characteristics which succesfully eliminates stick-slip and judder from hydraulically operated sideways.

Specifications
- US Steel 224
- DIN 51517 Part 3, category CLP
- AGMA 250.04

Benefits
- First choice for lubrication of all industrial gearboxes
- Unique multifunction capability
- Huge load carrying capacity
- Excellent chemical and thermal stability
- Excellent de-foaming characteristics

Properties	Method	Unit	Typical
ISO Viscosity Grade	-	-	100
Absolute Density, 15 °C	D 4052	kg/m³	885
Kinematic Viscosity, 40 °C	D 445	mm²/s	100.0
Kinematic Viscosity, 100 °C	D 445	mm²/s	11.3
Viscosity Index	D 2270	-	99
Flash Point	D 92	°C	234
Pour Point	D 97	°C	-24
Colour	D 1500	-	L1.0
Copper Strip, 3 h, 100 °C	D 130	-	1b
Rust Test, Proc. A and B, 24 h	D 665	-	pass
Total Acid Number	D 974	mg KOH/g	0.5
Foam, 5 min blowing, seq. 1/2/3	D 892	ml	0/0/0
10 min settling, seq. 1/2/3		ml	0/0/0
FZG Test, A/8.3/90	DIN 51354	load stage	>12
Timken, OK Load	D 2782	lb	60

The figures above are not a specification. They are typical figures obtained within production tolerances.