

# Q8 Erebus MP Range

## Heavy Duty Industrial Gear Oil

### Product Description

Q8 EREBUS MP oils are multipurpose gear and machine tool lubricants available in a range of ISO viscosity grades from ISO 68 to ISO 460. They are designed to have good oxidation resistance and are fortified by highly effective extreme pressure, anti-wear, anticorrosion, antifoam and boundary friction 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 temperatures 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. In appropriate circumstances suitable viscosity grades may also be employed as neat cutting fluids making them unique rationalization products.

### Applications

#### Gear Lubrication

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 oil specifications including US Steel 224, DIN 51517 (CLP), ISO 6743/6 Type CKC and AGMA 250.04. Their special friction characteristics make them ideal also for worm reduction gears especially where worm wheel 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 the same "oiliness" low friction additive characteristics of the Dynobear range which successfully eliminates stick-slip and judder from hydraulically operated slideways.

### Summary of Main Features and Benefits

- First choice for lubrication of all industrial gearboxes including worm drives
- Unique multifunction capability
- Huge load carrying capacity
- Excellent chemical and thermal stability
- Superior lubricity reduces wear and power consumption
- Excellent de-foaming characteristics

### Typical Inspection Data

Q8 EREBUS MP	68	100	150	220	320	460
Density at 15°C kg/m <sup>3</sup>	880	888	900	900	900	900
Viscosity cSt at 40°C	68.0	100.0	150.0	220.0	320.0	460.0
Viscosity cSt at 100°C	8.6	11.2	14.6	18.8	24.0	30.4
Viscosity Index	97	97	96	95	95	95
Flash Point, closed (°C)	210	220	240	240	250	250
Pour Point (°C)	-21	-18	-18	-12	-12	-12
Timken OK loads Lbs.	60	60	60	60	60	60
FZG Gear Pass Load	12	12	12	12	12	12
Copper Strip, 3h @ 100°C	1	1	1	1	1	1

### Health and Safety

Reference should be made to the relevant Q8 Material Safety Data Sheet before use.

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technical data