PRODUCT DATA SHEET

Q8 SL Gear Lubricant 320

Exceptional performance oil for shock loaded industrial gears

Description

Q8 SL Gear 320 is an exceptional performance oil specially developed for shock load conditions and operations in extremely harsh conditions. This oil has a superior wear protection in the most severe situations and has a Timken load performance of 290 N. Q8 SL Gear 320 meets the requirements of a major steel company and is oxidation resistant and thermal degraded.

Applications

Q8 SL Gear 320 is perfect for extremely loaded and shock loaded industrial gearboxes operating in harsh conditions. used in steel, cement and mining industry. Q8 SL Gear 320 is perfect for extremely loaded and shock loaded industrial gearboxes operating in harsh conditions. Q8 SL Gear 320 can be used in damaged, worn or poorly aligned gear transmissions.

Benefits

- *Minimizes downtime which leads to a higher maintenance efficiency*
- *Extends service life time thus minimal costs and maximal efficiency*
- *Extreme high load carrying capacity*
- *Extremely recommended in extremely difficult and rough conditions*
- *Highly resistant to ageing*
- *Outstandingly resistant to rust*

Specifications & Approvals

ANSI/AGMA	9005-D94	**ISO**	12925-1 CKB-CKC-CKE

Properties

	Method	Unit	Typical
ISO Viscosity Grade	*-*	*-*	*320*
Density, 15 °C	*D 4052*	*g/ml*	*0,898*
Kinematic Viscosity, 40 °C	*D 445*	*mm²/s*	*320*
Kinematic Viscosity, 100 °C	*D 445*	*mm²/s*	*24.22*
Viscosity Index	*D 2270*	*-*	*96*
Total Acid Number	*D 974*	*mg KOH/g*	*0.5*
Pour Point	*D 97*	*°C*	*-18*
Flash Point, COC	*D 92*	*°C*	*226*
Colour	*D 1500*	*-*	*L 2.5*
Carbon Residue	*D 524*	*% mass*	*0.35*
Foam, 5 min blowing, seq. 1-2-3	*D 892*	*ml*	*0/0/0*
Foam, 10 min settling, seq. 1-2-3	*D 892*	*ml*	*0/0/0*
Rust Test, Proc. A and B, 24 h	*D 665*	*-*	*pass*
Copper Strip, 3 h, 100 °C	*D 130*	*-*	*1*
Four Ball Test, Weld Load	*IP 239*	*N*	*>5000*
Four Ball Wear, 196 N, 54 °C, 1800 rpm	*D 4172*	*mm*	*0.26*
Timken, OK Load	*D 2782*	*N*	*290*
FZG Test, A/8.3/90	*DIN 51354*	*load stage*	*>12*

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