

# Q8 Gade range

## Application

The Q8 Gade range is designed for industrial gears and worm gear lubrication and is based on polyalkylene glycol.

## Specifications

- DIN 51517-3, CLP
- ISO 12925-1 CKE and CKT (ISO 6743-6)
- ANSI/AGMA 9005-E02

## Benefits

- High thermal and oxidation stability
- Improved friction characteristics
- Very high viscosity index
- Good low temperature properties
- Excellent corrosion protection and demulsibility characteristics

## References

Q8 Gade is approved by David Brown

Q8 Gade meets the requirements of SKF for use in Paper Machines

## Formulation

- Synthetic base oil
- Anti-wear agent
- Anti-oxidant
- Rust Inhibitor
- Anti-foam Agent

## Caution

- Compatibility of Q8 Gade with mineral oils and poly alpha olefins is poor
- Q8 Gade can affect certain seals and paints

## Typical Inspection Data

	Method	Units	Inspection Data		
<b>Q8 Gade</b>			<b>220</b>	<b>320</b>	<b>460</b>
ISO Viscosity Grade	-	-	220	320	460
Absolute Density, 15 °C	D 4052	kg/m <sup>3</sup>	1013	1011	1010
Kinematic Viscosity, 40 °C	D 445	mm <sup>2</sup> /s	226	334	465
Kinematic Viscosity, 100 °C	D 445	mm <sup>2</sup> /s	30.0	43.7	62.7
Viscosity Index	D 2270	-	174	189	209
Pour Point	D 97	°C	-27	-27	-27
Rust Test, Procedure A, 24 h	D 665	-	pass	pass	pass
Copper Strip, 3 h, 100 °C	D130	-	1	1	1
Foam, 5 min blowing, seq. 1/2/3	D 892	ml	<5/10/<5	<5/10/<5	<5/10/<5
10 min settling, seq. 1/2/3		ml	0/0/0	0/0/0	0/0/0
FZG Test, A/8,3/90 load stage	DIN 51354	-	>14	>14	>14
FZG Grey Staining Test, 90 °C	FVA 54/7	-	10	10	10
Four Ball Test, Weld Load	D 2783	N	1800	1800	1800
Timken, OK Load	D 2782	lb	27	35	35

## Health and Safety

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

Jun 11



**Kuwait Petroleum International Lubricants (UK) Ltd**

Knowsthorpe Gate, Leeds LS9 0NP. UK

For further assistance contact the Technical help line Telephone +44 (0) 113 2365 223, Fax +44 (0) 870 238 4673

For Customer Sales Contact, Tel +44 (0) 113 2365 204, Fax +44 (0) 113 2485 026. [www.Q8Oils.co.uk](http://www.Q8Oils.co.uk)

In line with our policy of continued improvement, Kuwait Petroleum International Lubricants reserve the right to change specification and availability without prior notice



Certificate No. FM 89665

technical data