

SHELL GADUS S4 OG CLEAR OIL 20000

ADVANCED OPEN GEAR AND WIREROPE LUBRICANT

DESIGNED TO MEET CHALLENGES

Shell Gadus S4 OG Clear Oil 20000 is an advanced part-synthetic, non-bitumastic viscous lubricant specifically developed to satisfy the demands of heavily loaded open gearing.

PERFORMANCE FEATURES

HIGH VISCOSITY

- The very high viscosity of Shell Gadus S4 OG Clear Oil 20000 has been achieved by combining synthetic oil with thickening effect and high viscosity mineral oils. The use of synthetic oil with thickening effect has also produced a lubricant with high viscosity index, which provides good pumpability at low temperatures while maintaining high viscosity at elevated temperatures.

GEAR INSPECTIONS

- Static and dynamic inspections are much easier to view the gear condition without cleaning off the grease or oil as the lube film is clear and you can inspect the gearing through the lube film.

EXTREME PRESSURE PERFORMANCE

- The high viscosity base oils are combined with extreme pressure additives to give the lubricant very high film strength and extreme load carrying capability needed for the protection of heavily loaded open gearing.

PUMPABILITY

- Shell Gadus S4 OG Clear Oil 20000 can be applied in automatic lubrication systems previously used for bitumastic lubricants (e.g. Farval, Wakefield, Tecalamit and Lincoln). The viscous oil nature of the lubricant allows it to be gravity fed into equipment centralised lubricators if required.

APPLICATIONS

Developed specifically for the lubrication of medium-size to large girth gear drives.

It provides good adhesion, excellent resistance to high pressure and protection against wear.

Shell Gadus S4 OG Clear Oil 20000 incorporates synthetic oil with thickening effect and high viscosity mineral oils blended with extreme pressure additives to give a modern high performance open gear lubricant.

RE-GREASING INTERVALS

For bearings operating near their maximum recommended temperatures, re-greasing intervals should be reviewed.

TYPICAL PHYSICAL CHARACTERISTICS

CHARACTERISTICS	
Base Oil Type	Semi-Synthetic
Kinematic Viscosity (IP 71/ASTM D 445)	
@ 40°C mm ² /s	20,000
@ 100°C mm ² /s	500
4 Ball Weld Load N (ASTM D 2596)	8000
Flash Point °C	220
Pour Point °C	-5
FZG Scuffing Load Stage	>12