

ENOC REDUCT GMS

PRODUCT DESCRIPTION

ENOC REDUCT GMS oils are a range of heavy duty mineral oil industrial gear oils containing graphite and Molybdenum Di-sulphide for enclosed gears working under shock and severe operating conditions. **REDUCT GMS oils** show excellent results in the FZG Gear Load Test which is a benchmark for gear wear protection and confirms its excellent load carrying capacity. In addition, special inhibitors provide excellent protection against rust, corrosion.

APPLICATIONS

- ◆ Enclosed industrial gear units operating under heavy and severe shock loading conditions.
- ◆ Enclosed spur, helical, bevel and worm gears
- ◆ Heavily loaded plain bearings operating also under shock loading conditions.
- ◆ Oil bath with splash, circulation or spray lubrication
- ◆ Flexible gear couplings
- ◆ Many manufacturing industries such as mining, cement, sugar and general engineering

PERFORMANCE STANDARDS

REDUCT GMS meets and exceeds the following International specifications:

DIN	51517 Part 3
ISO	6743-6 CKD, CKE
AGMA	9005-D94
Steel Industry	NS 384 A FT 161

Always follow equipment manufacturer's recommendation for required lubricant performance levels and oil change intervals. The oil viscosity selected should be based on operating conditions and Gear Manufacturers recommendations.

BENEFITS

REDUCT GMS provides:

- ◆ Excellent load carrying ability
- ◆ Very high anti-wear properties under shock load conditions with graphite and molybdenum disulphide
- ◆ Good seal compatibility
- ◆ Minimal spalling or welding and minimises micro-pitting wear
- ◆ Protection against rust and corrosion

	Technical Data*				
ISO Grades	150	220	320	460	680
Density @ 15°C	0.895	0.898	0.901	0.906	0.924
Viscosity mm ² /s @ 40°C	153	225	325	472	720
Viscosity Index	100	98	98	99	89
Flash Point, °C, COC	224	226	228	240	244
Pour Point, °C	-24	-21	-15	-9	-6
FZG load stage, DIN 51 34/2	>13	>13	>13	>13	>13
Product code	241401	241402	241403	241404	241405

*The information prepared provides the typical properties that are considered as representative. Some variation which will not affect performance is possible

HEALTH AND SAFETY, ENVIRONMENT

The information on this product is available in the ENOC Material Safety Data Sheet (MSDS) as a guide to the precautions and safe handling of this product and its disposal. For further information we recommend you review the MSDS. Handled correctly there are no special precautions suggested.