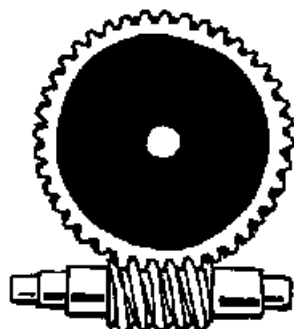
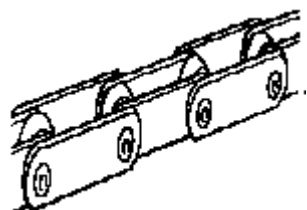
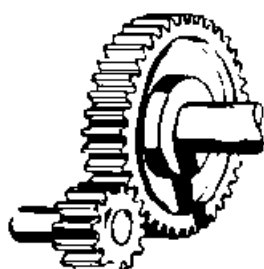


Tantalus MO

Page 1 of 1



High Pressure EP Gear Oils with MoS₂

MOLYDUVAL Tantalus MO are high viscous oils for enclosed gears subject to severe applications, such as extreme pressure, shock loads, high temperatures and water contamination. It may be used in industrial gears at slow to moderate speeds. MOLYDUVAL Tantalus MO is compatible with all common gear and bearing materials.

The high quality of MOLYDUVAL Tantalus MO enables gears to run better and last longer. Performance is assured because it is especially adhesive with excellent film forming capabilities. Molybdenum Disulphide provides extra protection against friction and wear. The MoS₂ smooth surfaces and improves pressure load. MOLYDUVAL Tantalus MO is available in different viscosity classes.

Characteristics

- antiwear characteristics
- rust and corrosion preventive
- high load carrying properties
- appropriate oxidation stability

Applications

- for enclosed gears and circulation systems in industry at high loads and unfavourable operating conditions.
- as gear oil for extreme loaded industrial gears
- as antifrictional- and gear lubricating oil at extreme loads
- for chain lubrication

How To Use

Dip Lubrication or apply by brush, pencil, rag, oilcan, oiler or automatic lubrication system onto the sliding surfaces.

Specifications

- DIN 51502 CLPF

TECHNICAL DATAS	Specifications	Unit	Tantalus MO 46	Tantalus MO 68	Tantalus MO 100	Tantalus MO 150	Tantalus MO 220	Tantalus MO 320	Tantalus MO 460	Tantalus MO 680
Name	DIN 51502		CLPF 46	CLPF 68	CLPF 100	CLPF 150	CLPF 220	CLPF 320	CLPF 460	CLPF 680
Base Oil			Mineral	Mineral	Mineral	Mineral	Mineral	Mineral	Mineral	Mineral
Density, 15°C	ISO 3675	kg/m ³	890	890	900	900	900	900	900	900
Viscosity class	DIN 51519	ISO-VG	46	68	100	150	220	320	460	680
Viscosity, 40°C	DIN 51562	mm ² /s	46	70	100	150	220	320	455	660
Pourpoint	ISO 3016	°C	-27	-27	-24	-21	-18	-18	-15	-12
Temperature Range		°C	-15 - +150	-15 - +150	-15 - +155	-10 - +165	-10 - +170	-10 - +170	-5 - +175	-5 - +175
Flashpoint	ISO 2592	°C	220	220	225	235	240	245	250	255
FZG Test A/8.3/90	DIN 51354		>12	> 12	> 12	> 12	> 12	> 12	> 12	> 12

For more information call +49 2102 9757-28 or contact us at <http://www.molyduval.com>

The technical information in this technical data sheet represents our present knowledge.

Because of complexity of tribological systems it does not form part of any sales contract as guaranteed properties of the delivered mater

