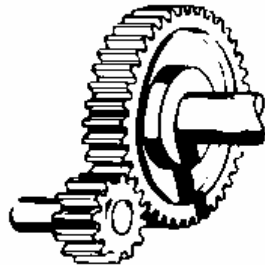


MOLYDUVAL Tantalus HD

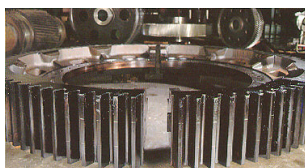


Heavy Duty Gear Oil

MOLYDUVAL Tantalus HD are high duty multi purpose lubrication oils for extreme loads. Tantalus HD is very strong EP treated (extreme pressure). Tantalus HD is manufactured of high refined base oils with special cleared additives. Special additives provide extraordinary extra pressure, anti-wear, lubricity and boundary film lubrication with a profound effect on wear characteristics.

Characteristics

- reduces wear
- rust and corrosion preventive
- excellent high temperature characteristics
- high load carrying properties
- stable viscosity even under extreme working conditions
- appropriate oxidation stability



Applications

- as chain oil for extreme loaded transport- and power transfer chains
- as gear oil for extreme loaded industrial gears
- as antifrictional- and gear lubricating oil at extreme loads



How To Use

Apply by brush, pencil, rag, oil can, oiler or automatic lubrication system or fill gear boxes.

TECHNICAL DATAS	Specifications	Unit	Tantalus HD 46	Tantalus HD 68	Tantalus HD 100	Tantalus HD 150
Base Oil			Mineral	Mineral	Mineral	Mineral
Density, 15°C	ISO 3675	kg/m ³	890	890	900	900
Viscosity class	DIN 51519	ISO-VG	46	68	100	150
Viscosity, 40°C	DIN 51562	mm ² /s	46	70	100	150
Viscosity, 50°C	DIN 51562	mm ² /s		41	61	88
Viscosity, 100°C	DIN 51562	mm ² /s	6,7	8,7	11,2	14,6
Viscosityindex	ISO 2909		97	98	98	96
Pourpoint	ISO 3016	°C	-27	-27	-24	-21
Temperature Range		°C	-15 - +150	-15 - +150	-15 - +155	-10 - +165
Flashpoint	ISO 2592	°C	220	220	225	235
FZG Test A/8.3/90	DIN 51354		>12	> 12	> 12	> 12

TECHNICAL DATAS	Specifications	Unit	Tantalus HD 220	Tantalus HD 320	Tantalus HD 460	Tantalus HD 680
BaseOil			Mineral	Mineral	Mineral	Mineral
Density, 15°C	ISO 3675	kg/m ³	900	900	900	900
Viscosity class ISO	DIN 51519	ISO-VG	220	320	460	680
Viscosity, 40°C	DIN 51562	mm ² /s	220	320	455	660
Viscosity, 50°C	DIN 51562	mm ² /s	124	176	246	345
Viscosity, 100°C	DIN 51562	mm ² /s	18,9	24,2	30,5	37
Viscosityindex	ISO 2909		96	96	96	96
Pourpoint	ISO 3016	°C	-18	-15	-12	-12
Temperature Range		°C	-10 - + 170	-10 - + 170	-5 - + 175	-5 - + 175
Flashpoint	ISO 2592	°C	240	245	250	255
TEST						
FZG Test A/8.3/90	DIN 51354		> 12	> 12	> 12	> 12

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

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 material.