

AVIN Marine Series

Industrial Gear Oils



Technical Data Sheet

TITANUS SYN

DIN 51517 PART 3, US STEEL 224, FLENDER AG, ISO 12925-1 TYPE CKD, AGMA 250.4

Description

AVIN TITANUS SYN oils are fully synthetic (PAO-based) lubricants for all types of industrial reducers, designed for use industrial gearboxes and circulation systems in shipping and industrial applications.

They meet the requirements for non-lead, heavy-duty gear lubricants of high-load carrying capacity.

Functional Characteristics

- Excellent pumpability even at low temperatures.
- Excellent heat dissipation.
- Very long drain intervals.
- Excellent water separation properties.
- Excellent prevention of oxidation and corrosion.
- Fully compatible with fossil lubricants.
- High viscosity index.

Typical Use

The TITANUS SYN series is designed for use in gearboxes and circulation systems in both shipping and industrial environments that need to operate in extreme operating conditions that demand great durability in oxidation and extended drain intervals.

Typical Characteristics

TITANUS SYN

ISO	150	220	320
Specific gravity at 15°C/4°C	0,833	0,847	0,855
Viscosity at 40°C, cst	159	220,0	320,0
Viscosity at 100°C, cst	24,1	29,7	41,6
Viscosity Index	184	175	183
Flash Point (C.O.C.), °C	250	270	275
Pour Point, °C	-42	-39	-39