

# AVIN Marine Series

Industrial Gear Oils



## Technical Data Sheet

### TITANUS PS

DIN 51517 PART 3, US STEEL 224, ASTF FT 161

#### Description

TITANUS PS oils are premium quality, lead free, heavy duty, industrial gear lubricants intended for enclosed gear sets, operating under severe service conditions. They are formulated using high VI, solvent-refined and hydrofinished paraffinic base oils, combined with additives that provide EP & AW characteristics, rust and corrosion protection, increased oxidation stability, improved resistance to foaming and excellent high load performance.

#### Functional Characteristics

Extreme pressure properties.  
Improved thermal and oxidation stability.  
High resistance to emulsion formation. Rapid de-aeration.  
Fully compatible with seal materials.  
High film strength excellent load carrying capacity.

#### Typical Use

TITANUS PS oils are recommended for circulation and bath lubrication of heavily loaded enclosed gears. They can also be used to lubricate other mechanically stressed parts and components such as couplings, load transmission screws and low speed plain bearings.

#### Typical Characteristics

##### TITANUS PS

ISO	68	100	150	220	320	460
Specific gravity at 15°C/4°C	0,883	0,891	0,893	0,898	0,902	0,904
Viscosity at 40°C, cst	68	100	150	220,0	320,0	460,0
Viscosity at 100°C, cst	8,6	11,1	14,4	18,6	23,6	30,0
Viscosity Index	96	95	94	93	93	93
Flash Point (C.O.C.), °C	200	220	230	240	250	255
Pour Point, °C	-21	-21	-18	-15	-15	-12