

PURUS® EP GEAR OILS

Manufactured with highly refined base oils

DESCRIPTION: PURUS® EP Gear Oils are a series of premium extreme pressure industrial gear lubricants formulated to provide excellent performance on enclosed gears of all types. They are blended with selected grades of naturally high viscosity index, thermally stable, paraffinic base stocks and fortified with a carefully selected additive system designed to give high levels of protection against gear and bearing wear, rust, oxidation and hydrolytic decomposition meeting or exceeding the current and former specifications: AIST (formerly U.S. Steel) 224, DIN 51517 Part III, AGMA 9005-F16, ISO 12925 CKC/CKD, David Brown S1.53.101 (obsolete), Fives Cincinnati (obsolete).

Suitable for use in applications which cite former or obsolete specifications such as Fives Cincinnati P-68, P-69, P-70 and David Brown S1.53.101.

PURUS® EP Gear Oils are recommended for use in industrial applications where an EP Gear Oil is required. They are non-corrosive to gear and bearing materials such as steel, copper, brass, bronze, Babbitt or cadmium-nickel. These oils excel in the lubrication of heavily loaded enclosed gear drives and reducers under conditions such as extreme pressure and shock loads. They are especially effective in the lubrication of spiral bevel, helical, spur and herringbone gears. Other applications include the lubrication of chain drives, sprockets, plain and anti-friction bearings and slide guide and have been used successfully as mist oil and back-up bearing lubricants.

**PERFORMANCE
BENEFITS:**

- Clean gear performance
- Extreme pressure properties to minimize wear
- Resistance to foaming and excellent rust and corrosion protection
- Oxidation and thermal stability for long life

**TYPICAL
PROPERTIES*:**

ISO	68	100	150	220	320	460	680
AGMA-EP	2	3	4	5	6	7	8
Pour point, Deg. °C	-37	-37	-37	-22	-22	-22	25
Viscosity							
@40 Deg °C, cSt	69	100	150	218	320	444	680
Viscosity Index	110	110	110	102	102	97	86
FZG, Minimum LS passed	12+	12+	12+	12+	12+	12+	12+
Timken OK Load, lbs.	70	70	70	85	85	85	85

*Due to continual product research and development, the information contained herein is based on products purchased in the U.S. and subject to change without notification. Typical properties may vary slightly.



This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either AIOD or its affiliates for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult your local AIOD Distributor if you require any further information.

Revised: 05/2019
PINEPGO