



# PRODUCT DATA SHEET

## Pennwood EP Gear Oil

Pennwood EP Gear Oils provide a complete range of gear oils designed for extra-duty service in a wide variety of industrial applications where extreme pressure conditions prevail.

These lubricants are made from high quality base stocks. Selected additives assure extreme pressure properties and provide particularly effective anti-wear characteristics under all service conditions.

Pennwood EP Gear Oils have a high viscosity index, excellent demulsibility and thermal stability properties. They also provide excellent resistance to oxidation and foaming and are noncorrosive.

Pennwood EP Gear Oils have been formulated to meet recognized industrial gear oil requirements. They are recommended for lubrication of plain and antifriction bearings and gear drives that operate under extra-heavy-duty conditions. These lubricants are suitable for use in bearing oil circulating systems.

Typical applications are steel mills, rubber mills, and similar heavy industries where ambient conditions include water, dirt, and scale. Boundary lubrication regimes are successfully controlled by these lubricants.

Pennwood EP Gear Oils are formulated for the lubrication of industrial spiral bevel, helical, spur and herringbone gears. They are especially well-suited for use in multiple gear drives that operate at greatly increased pressure between the surfaces of the gear teeth.

Typical Properties	68	100	150	220	320	460	680
Gravity, ASTM D 4052, API	29.1	28.8	27.9	28.2	27.1	26.7	23.6
Density, lb/gal @ 60° F	7.33	7.34	7.39	7.38	7.43	7.41	7.60
Flash Point, COC, ASTM D 92, ° F	440	473	486	500	549	547	442
Viscosity, ASTM D 445, cSt @ 40° C	67	97	150	221	329	440	658
cSt @ 100° C	8.6	11.0	14.4	18.8	24.7	29.6	35.8
Viscosity ASTM D 2161, SUS @ 100° F	347	506	787	1172	1752	2357	3571
SUS @ 212° F	55	64	78	96	122	145	175
Viscosity Index, ASTM D 2270	99	97	95	95	97	96	87
Pour Point, ASTM D 97 °F	0	0	0	0	0	0	0
Timken OK Load, ASTM D 2782, lbs.	65	70	85	65	70	75	70
ISO VG No.	68	100	150	220	320	460	680
AGMA Grade	2EP	3EP	4EP	5EP	6EP	7EP	8EP

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All reasonable care has been taken to ensure that the information herein is accurate as of the date of printing. The test results listed are typical properties only. DENNISON LUBRICANTS, INC. strives for continuing improvement in all of our products. Slight formula and blending changes may result in minor color and/or appearance changes.