

PRODUCT DATA SHEET

Inlube Industrial Gear Oils **Extreme Pressure Gear Oil**



PRODUCT DESCRIPTION:

Inlube Industrial Gear Oils are premium quality extreme pressure industrial gear lubricant designed for use in gears and bearings operating under severe service, heavily loaded and/or shock conditions. They are recommended for use in all types of enclosed industrial gear drives, bearings, chain and slides requiring extreme pressure gear oils and have extremely good antifoam characteristics and superior water separation.

Inlube Industrial Gear Oils satisfy most major industrial gear manufacturers' requirements, including AGMA 250.04, US Steel 224, and MIL-2105 specifications for extreme pressure gear lubes, as well as Cincinnati Milacron P-76, P-77, P-74, P-59 and P-35

KEY FEATURES:

- Extreme Pressure protection
- Good antifoam characteristics
- Superior water separation

CUSTOMER BENEFITS:

- Premium quality industrial gear lubricant
- For use in wide variety of enclosed industrial gear drives

APPLICATIONS:

Air compressors, bearings, gears and low–pressure hydraulic systems

SPECIFICATIONS AND APPROVALS:

AGMA 250.04, US Steel 224, and MIL-2105 specifications for extreme pressure gear lubes. Cincinnati Milacron P-76, P-77, P-74, P-59 and P-35

PACKAGING:

Totes and Drums

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Inlube Industrial Gear Oils Extreme Pressure Gear Oil



Typical Properties

Inlube Industrial Gear Oils										
Product Number	280	281	282	283	284	285	286	287	288	Test Method
ISO Grade (AGMA EP)	46 (1EP)	68 (2EP)	100 (3EP)	150 (4EP)	220 (5EP)	320 (6EP)	460 (7EP)	680 (8EP)	1000 (8AEP)	
API	30.53	30.1	30	29.23	28.41	27.64	26.92	23.95	22.96	
Specific Gravity	0.87328	0.8756	0.87615	0.88037	0.88487	0.88915	0.893	0.91025	0.91608	ASTM 4052
Lbs/Gal	7.273	7.292	7.297	7.332	7.369	7.405	7.44	7.581	7.629	
Density	0.87279	0.87511	0.87566	0.87987	0.88437	0.88865	0.893	0.90974	0.91557	
Flash Point °C	221	230	236	250	265	278	291	299	287	ASTM D92
Pour Point °C	-27	-15	-15	-24	-18	-12	-9	3	-9	ASTM D97
Color	<1.5	<1.0	<1.0	<2.0	<2.5	<3.0	<1.5	<2.0	<6.5	ASTM D1500
Viscosity@100°C cSt	6.35	8.7	11.34	14.9	19.1	25.63	31.13	37.35	44.51	ASTM D445
Viscosity@40°C cSt	46	68	100.6	150	220	342	462	702.6	1003	ASTM D445
Viscosity Index (VI)	97	99	99	98	98	98	98	88	82	ASTM D2270

Typical Properties are typical of those obtained with normal production tolerance and do not constitute essentially a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice.

Health and Safety:

When used for its intended application, this product is not expected to have any adverse health implications. For complete information on safe handling, as well as physical and chemical characteristics please refer to the Material Safety Data Sheet (MSDS) found on our website, www.royalmfg.com, or call 918-584-2671. Do not use this product for purposes other than its intended use. Please be responsible to the environment when disposing of used product.