



PRODUCT DATA SHEET

ADNOC Industrial Gear Oil EP

DESCRIPTION

ADNOC Industrial Gear Oil EP is a series of lead-free, premium-quality, heavy-duty industrial gear lubricants formulated from high-quality base oils and carefully selected additives which provide extreme pressure and anti-wear properties, rust and corrosion protection, increased oxidation stability, improved resistance to foam and excellent high load performance characteristics. It also have excellent oxidation stability and water separability properties.

APPLICATIONS

ADNOC Industrial Gear Oil EP is recommended for industrial enclosed gear drives representing load and speed conditions of extreme severity and also suitable for the lubrication of worm gear units. Although designed primarily for the lubrication of gears, their high overall performance makes it possible to extend their use to system involving gears, plain bearings, rolling bearings and sliding surfaces.

BENEFITS

- **Excellent load-carrying capacity**
- **Outstanding anti-wear properties**
- **Excellent oxidation stability**
- **Rust and corrosion protection**
- **Excellent lubricity and good anti-foam properties**
- **Minimize friction, resulting in reduced bulk oil temperature**
- **Effective demulsibility for rapid water separation**

PERFORMANCE LEVEL

DIN 51517-3 CLP
AGMA 9005-D94
US Steel 224
David Brown S1.53 101

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PRODUCT TYPICAL CHARACTERISTICS

Properties	Units	ISO VG					Test Methods
		68	100	150	220	320	
Density @15°C	kg/L	0.886	0.894	0.896	0.899	0.9025	ASTM D1298
Kinematic Viscosity @40°C	mm ² /s	68.00	100.0	150.0	220.0	320.0	ASTM D445
Kinematic Viscosity @100°C	mm ² /s	8.655	11.25	14.80	18.75	23.90	ASTM D445
Viscosity Index	-	98	98	98	95	95	ASTM D2270
Pour Point	°C	-24	-24	-21	-18	-15	ASTM D97
Flash Point, COC	°C	234	240	240	238	238	ASTM D92

Properties	Units	ISO VG				Test Methods
		460	680	1000	1500	
Density @15°C	kg/L	0.903	0.925	0.935	0.935	ASTM D1298
Kinematic Viscosity @40°C	mm ² /s	460.0	680.0	950.0	1500	ASTM D445
Kinematic Viscosity @100°C	mm ² /s	30.35	35.85	44.19	58.23	ASTM D445
Viscosity Index	-	95	85	85	85	ASTM D2270
Pour Point	°C	-12	-9	-3	-3	ASTM D97
Flash Point, COC	°C	238	240	240	240	ASTM D92

Minor variations in product typical test data are to be expected in normal manufacturing.

Always follow the Original Equipment Manufacturer's recommendation (OEM) for the equipment operating conditions, product specification, drain interval and customer's maintenance practices.
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