PanaOIL
Think Efficient

MEDVAC WG

High performance synthetic PAO industrial gear oils

Description

MEDVAC WG is formulated from synthetic base oil (Polyalphaolefin) and selected additives to provide superior performance of gear and bearing which operated under severe conditions. This oil is suitable for worm gear application and continuous operating temperatures up to 120° C with peaks in the hottest points up to 200° C.

Applications

MEDVAC WG is best used for lubricating all type of gear and worm gear operating under high speed, load, and temperature.

Specification

- DIN 51517 Part 3 CLP
- ISO 12922-1 Type CKD
- ANSI/AGMA D9005-E02
- SEB 181226
- AIST 224
- Siement Rev. 13 for Flender Gear Units
- CM P-59, P-63, P-74

Advantages

- High Viscosity Index, ability to perform in wide range temperature
- Gives outstanding Extreme Pressure & Wear protection
- Resistance to micropitting, helps to extend gear and bearing life
- Provides very good rust and corrosion protection
- Excellent thermal and oxidation stabilities, extended oil life
- Good compatibility with seals
- Low traction PAO for improving gear efficiency and durability
- Low friction coefficient, supports energy efficiency
- Compatible with mineral oil

Typical Data of MEDVAC WG

Characteristics	Unit	MEDVAC WG					Test Method
		150	220	320	460	680	
Color		L 0.5	L 0.5	L 0.5	L 0.5	L 0.5	ASTM D 1500
Density @ 15 °C	kg/L	0.8452	0.8475	0.8501	0.8535	0.8564	ASTM D 4052
Kinematic Viscosity @ 40 °C	cSt	150.21	220.2	320.7	461.0	682.6	ASTM D 445
Kinematic Viscosity @ 100 °C		19.22	25.60	34.04	44.41	61.15	
Viscosity Index		146	148	150	150	157	ASTM D 2270
Flash Point (COC)	°C	242	254	262	270	272	ASTM D 92
Pour Point	°C	-33	-30	-30	-30	-30	ASTM D 97
Sequence I : 24 °C	mL	0/0	0/0	0/0	0/0	0/0	ASTM D 892
Sequence II : 93.5 °C		0/0	0/0	0/0	0/0	0/0	
Sequence III : 24 °C after 93.5 °C		0/0	0/0	0/0	0/0	0/0	
Rust Protection, Sea Water	pass	pass	pass	pass	pass	pass	ASTM D 665
FZG A/8.3/90, Failure Load Stage		>12	>12	>12	>12	>12	ASTM D 5182
Timken-OK-Load	Lbs	>85	>85	>85	>85	>85	ASTM D 2782
Water Seperability, Time to 40/40/0 @ 82 °C	minutes	10	10	10	10	10	ASTM D 1401

** the typical characteristic mentioned represent mean values*

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