

MEDVAC

Synthetic oil based gear oil

Description

MEDVAC is a high quality lead-free extra-pressure lubricants for all types of closed system industrial gears ranging from normal to heavy duty applications. **MEDVAC** is formulated from fully-synthetic base oil with a high viscosity index with an optimum balance of special additives to provide good protection against corrosion and wear, high oxidation resistance, and foam formation prevention. **MEDVAC** is fortified with additives that can cope with high ambient level of its CaCO₃.

Specification Meets:

MEDVAC meets the AGMA 9005-D94, David Brown S1.53.101, US Steel 224, ISO 12925-1 Type CKD specifications.

Applications

- ▶ For plain and rolling element bearings
- ▶ Also suitable for use in circulatory lubrication system, spraying, or misting
- ▶ Specially formulated for use in paper mill with high ambient levels of its CaCO₃

Typical Data of MEDVAC

Characteristics	Unit	MEDVAC				Test Method
		220	320	460	680	
Appearance		Clear	Clear	Clear	Clear	Visual
Color		L 1.0	L 1.0	L 0.5	L 0.5	ASTM D 1500
Density @ 15 °C	kg/L	0.9084	0.9182	0.9219	0.9299	ASTM D 4052
Kinematic Viscosity @ 40 °C	cSt	211.86	311.74	455.99	672.33	ASTM D 445
Kinematic Viscosity @ 100 °C		26.14	36.88	50.90	69.36	
Viscosity Index	cP	161	167	174	179	ASTM D 2270
Flash Point (COC)	°C	222	238	238	238	ASTM D 97
Pour Point	°C	<-30	<-28	<-28	<-28	ASTM D 92
Sequence I : 24 °C	mL	0/0	0/0	0/0	0/0	ASTM D 892
Sequence II : 93.5 °C		10/0	0/0	10/0	10/0	
Sequence III : 24 °C after 93.5 °C		0/0	0/0	0/0	0/0	
FZG - Test Failure Load Stage		>12	>12	>12	>12	ASTM D 5128
Timken-OK-Load	Lbs	>90	>90	>90	>90	ASTM D 2782

* the typical characteristic mentioned represent mean values