

# AZTEC OILS LTD

## Industrial Gear Oils

Aztec Industrial gear Oils have been formulated to meet the lubrication requirements of a wide range of gear tooth form configurations, such as spur, bevel, helical, double helical, worm, spiral bevel and hypoid.

Aztec Industrial Gear Oils have excellent antiwear and EP properties, improved oxidation and rust resistance, demulsibility and antifoam characteristics. They are capable of meeting the performance limits expressed by all current industrial gear specifications such as:

Cincinnati Millicron EP Gear Lubricants P59 & P63  
 Extreme Pressure Oil-U.S.Steel Requirement No 220 & 221  
 Extreme Duty Oil - U.S.Steel Requirement No 222  
 AGMA Mild EP Gear Lubricants  
 Public Authority Standard PAS 06-04 GSP  
 David Brown Gears Specification ET 19  
 ALCOA-ML S10-S12-S14

Aztec Industrial Gear Oils may safely be recommended for all enclosed gear applications, providing the correct viscosity grade is selected. Particularly recommended in situations where EP characteristics are required and high operational temperatures are experienced. Recommended for steel mill gearbox applications where shock loading conditions impose special stresses.

Aztec Industrial Gear Oils comply with David Brown ET 19 specification for EP & non EP applications and the following grades are applicable.

	<u>David Brown Grade No</u>				<u>Aztec Industrial Gear ISO</u>			
	No 1 EP							
	No 2 EP				68			
	No 3 EP				100			
	No 4 EP				150			
	No 5 EP				220			
	No 6 EP				320			
	No 7 EP				460			
	No 8 EP				680			
<b>Typical Test Data</b>	<b>68</b>	<b>100</b>	<b>150</b>	<b>220</b>	<b>320</b>	<b>460</b>	<b>680</b>	
ISO Viscosity grade	68	100	150	220	320	460	680	
Specific Gravity @ 60oF 0.900		0.836	0.893	0.895	0.898	0.901	0.911	
Viscosity Kinematic(cst)								
@40oC	68	100	150	220	320	460	680	
@100oC	8.2	11.8	13.5	17.9	23.5	31.4	35.0	
Viscosity Index		98	97	100	95	95	92	80
Pour Point oC	-15	-15	-15	-15	-15	-15	-12	
Closed Flash Point (PMCC)	192	189	185	192	192	189	200	

**Health & Safety** Please refer to the relevant health & safety data sheet, a copy of which is freely available to all of our customers