

Gear oils technical specification

Covered classes:

- US Steel 224
- Agma 250.04; 9005 D94
- David Brown S1-53-10E
- Cincinnati Nilacron P-74
- Agma Number 5 EP

№	Index	Viscosity classes					Testing methods
		100	150	220	320	460	
1.	Kinematic viscosity 40°C, mm/s ²	100±10	150±15	220±20	320±30	460±40	EN ISO 3104
2.	Viscosity index ≥	90	90	90	90	85	ISO 2909
3.	Pouring temperature, °C, ≤	-20	-20	-15	-15	-7	ISO 3016
4.	Flash point, °C ≥	190	195	200	210	230	EN ISO 2592
5.	Water content, %, ≤	none	none	none	none	none	EN ISO 12937
6.	Mechanical particulates, %	none	none	none	none	none	EN 12662
7.	Phosphorus %, ≥	0,027	0,027	0,027	0,027	0,027	БДС 9779-90 Method A
8.	Anti-seizure properties ЧМ						
	-wear loading index, N, ≥	450	480	500	550	550	ASTM D 2783
	-critical seizure loading, N, ≥	600	700	700	700	700	
	-welding loading N, ≥	2500	2500	3000	3000	3500	