

SOIL Industrial Gear Oil

SOIL Industrial Gear Oil series consist a range of extreme pressure and high performance gear lubricants. This series excellently work over a wide range of temperatures and severe working conditions. The additives of this package contain superior thermal and oxidation properties that provide a greater temperature aprotication with low peridue. In addition extreme pressure additives provide optimum protection against shock loading and offer higest loading capabilities.

This series are widely recommended to all of industrial settings.

APPLICATION

- Enclosed gear drives.
- Open gear drives(heavy grader).

 Industrial type reduction gearboxes on minining equipments cemement mills, ball and rolling mills, crushers stell mills foundries glass and bottle manufacturing plants, injection moulding machines, paper mills, conveyors, kilns winches, electrical wheel motores uesd in surface mining and quarries, petroleum and chemical processing plants, machine tools and marine equipments.

Chain drives sprockets slide guides and flexible couplings.

Plain and rolling elemental bearings.

BENEFITS

- Superior anti-wear properties
- Prevants rust and corrosion
- Effective anti-oxidation action.
- Reduces galling, Scuffing and welding of gear leetch.



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TEST DESCRIPTION	METHOD	TYPICAL RESULTS				
		ISO 150	ISO 220	ISO 320	ISO 460	$\left(\frac{1}{2} \right)$
ASTM Color	ASTM D 1500	L 2.5	L 3.0	L 3.0	L 3.5	\bigcirc
Specific Gravity at 15 deg	ASTM D 1298	0.9008	0.9016	0.9036	0.9054	
Specific Gravity at 30 deg	ASTM D 1298	0.8910	0.8920	0.8940	0.8960	
Viscosity at 40 deg	ASTM D 445	150	220	320	460	
Viscosity at 100 deg	ASTM D 445	14.95	19.99	24.54	29.41	(5)
Viscosity Index	ASTM D 2270	96	98	99	95	
Pour Point	ASTM D 97	-6	-6	-6	-9	
Flash Point	ASTM D 92	232	228	230	230	
TBN	ASTM D 5984	-	-	-	-	
TNA	ASTM D 974	0.425	0.446	0.451	0.434	

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