



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 aprotation with low peridue. In addition extreme pressure additives provide optimum protection against shock loading and offer highest 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 mining 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 used 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.



TEST RESULT

TEST DESCRIPTION	METHOD	TYPICAL RESULTS			
		ISO 150	ISO 220	ISO 320	ISO 460
ASTM Color	ASTM D 1500	L 2.5	L 3.0	L 3.0	L 3.5
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
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

Data Sheet