

# ENGINE OIL RATINGS

## SAE & API RATINGS USED FOR PETROL AND DIESEL ENGINE OILS

HITECH PREMIUM		PERFORMANCE DIESEL	
SAE 20W50	API SL/CF	SAE 15W40	API CG4/SJ
↓	↓	↓	↓
Cold Start Viscosity	Service Class.	Cold Start Viscosity	Commercial Class.
↓	↓	↓	↓
Running Temp. Viscosity	Commercial Class.	Running Temp. Viscosity	Service Class.

# GEAR OIL RATINGS

## SAE AND API RATINGS USED FOR GEAR OILS

80W90 GEAR OIL		XP80 GEAR OIL	
SAE 80W90	API GL5	SAE 75W80	API GL4
↓	↓	↓	↓
Cold Start Viscosity		Cold Start Viscosity	
↓	↓	↓	↓
Running Temp. Viscosity	API Rating	Running Temp. Viscosity	API Rating

# INDUSTRIAL ISO OIL RATINGS

## ISO VISCOSITY RATINGS USED FOR INDUSTRIAL OILS (Hydraulic, Industrial Gear, Machine, Slideway, Etc.)

LOMA 68 HYDRAULIC	BRAE 220 SLIDEWAY
ISO 68	ISO 220
Measured at 40°C	Measured at 40°C

# GLOSSARY

<b>SAE</b>	Society of Automotive Engineers
<b>API</b>	American Petroleum Institute
<b>ISO</b>	International Standards Organisation