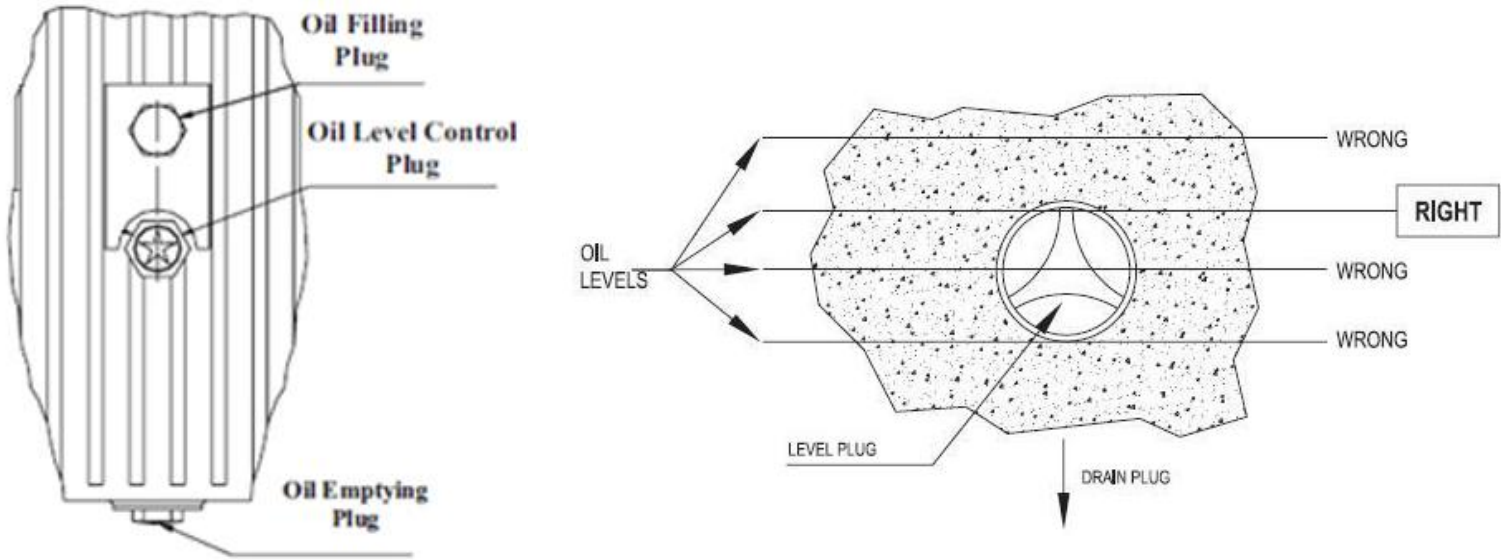


LUBRICATE

Depending on the working principles of the reducers, friction between the gear wheels causes wear and heat increase. For reduction of wear and heat increase stemming from these factors and long service life and good operating performance of the reducers, the oil to be used should be chosen correctly and change regularly. Revolution, ambient temperature, reducer oil temperature working conditions and oil service life are significant factors in selecting oil. Oils used on the reducers as standard are given in the tables of oil technical specifications. Reducers should be definitely controlled for oil level before use each time. For E-Series, the first oil fill should be after 1.5 month / 500 working hours and subsequent fills should be made once in 3 months / 1000 working hours. Furthermore, oil level controls should be performed each month. Under heavy environment conditions (sudden temperature changes, high moisture, etc.), it is recommended to replenish oil more frequently. Mineral oils and synthetic oils should never be mixed with each other. In reducer oil change operation should be performed immediately after a working period when the oil is still hot. Such operation shall enable a good cleaning and easy discharge of the oil as the particles in the reducer is in good mixture with the oil.

Due to their structure, the **E-350 reducers** are sent **ungreased**. Oil types and quantities are also given in the technical tables.



Yağ Cinsi Oil Type	Kullanım Sıcaklığı Usage Temperature (°C)	ISO Viskozite Sınıfı ISO Viskosity Class	Kullanılan Yağlar / Used Oils						
			ARAL	BP	ESSO	KLUBER	MOBIL	SHELL	TEXAGO
Mineral Yağlar Mineral Oils	-5.....+100	ISO VG 220	Degol BG 220	Energol GR-XP 220	Spartan EP 220	Gem 1 220	Mobilgear 600 XP 68	Om ala 220	Meropa 220
Sentetik Yağlar Synthetic Oils	-25.....+140	ISO VG 220	Degol GS 220	Energol SG-XP 220		Syntheso D 220 EP	Gylgoyle HE 220	Tivela WB	Synlube CLP 220