

# Alfagen

## & 312 412

### Product Description

ALFAGEN 312 & 412 are premium quality trunk piston diesel engine oils used for power generation or propulsion in medium or high speed trunk piston diesel engines burning distillate fuels.

They are blended from high quality mineral base oils and selected additive packages with premium anti-corrosion, detergent/dispersant and BN retention properties.

### Performance Features

- Exceptional detergent /dispersant properties
- Exceptional cleanliness of crankcase, piston rings and valves
- Corrosion and Wear protection of engine parts (camshaft, bearings)
- High oxidation stability and deposits control
- Good water separation
- Good antifoam properties

### Application

ALFAGEN 312 & 412 lubricating oils are recommended for trunk piston diesel engines burning distillate fuels, MGO or MDO, with a maximum sulphur content of 1,5%.

They are also suitable for engine reduction gears and bearing lubrication.

ALFAGEN 312 & 412 meet the requirements of **API** service classification CF.

### Typical Properties:

SAE grade	30	40	Method
Specific gravity at 15 <sup>0</sup> C, Kg/l	0.896	0.902	ASTM D-4052
Viscosity, Kinematic at 40 <sup>0</sup> C, cSt	105.5	160	ISO 3104
Viscosity, Kinematic at 100 <sup>0</sup> C, cSt	11.50	15.50	ISO 3104
Viscosity Index	90	90	ISO 2909
Pour Point, <sup>0</sup> C	-21	-18	ISO 3016
Flash Point COC, <sup>0</sup> C	220	220	ISO 2592
Total Base Number (TBN), mg KOH/g	12	12	ISO 3771

**Note:**

The above information is indicative based on current production and does not constitute a specification. Results can be affected by allowable production tolerances, not affecting performance.