

Mobil HD Series

Heavy Duty Motor Oils

Product Description

Mobil HD Series are heavy duty engine oils primarily intended for use in gasoline automotive engines of passenger cars, commercial vehicles and farm equipment. They may also be used in diesel engines of commercial vehicles and contractor equipment. They are formulated from high quality mineral base oils and an advanced additive system to provide the superior performance required for modern combustion engines. They contain an effective balance of detergents and dispersants to minimize the formation of sludge and deposits, retain alkalinity (TBN) and reduce wear.

Specifications

Mobil HD Series meet or surpass the requirements of the following specification:

- API SH/CC

Benefits

Mobil HD Series offer the following benefits:

- Improved engine cleanliness
- Good protection against wear and corrosion
- Extended intervals between oil drain
- Low oil consumption
- Reduced inventory costs for mixed fleet operations

Applications

Mobil HD Series are recommended for the lubrication of gasoline engines for passenger cars, commercial vehicles and farm equipment as well as diesel engines for commercial vehicles and contractor equipment.

Mobil HD Series can also be used in gear and hydraulic applications if the builder approves the use of engine oils.

Typical Properties

| Mobil HD | | 10W | 20W/20 | 30 | 40 | 50 |
|-------------------|-------------|--------|--------|--------|--------|--------|
| Product Code | | 970296 | 970218 | 970775 | 970253 | 970013 |
| | Test Method | | | | | |
| SAE Grade | | 10W | 20 | 30 | 40 | 50 |
| Viscosity | ASTM D445 | | | | | |
| cSt at 40°C | | 37 | 63 | 99 | 139 | 213 |
| cSt at 100°C | | 6.3 | 8.6 | 11.5 | 14.3 | 19.0 |
| CCS Viscosity | ASTM D5293 | | | | | |
| cP at -20°C | | <3500 | - | - | - | - |
| Viscosity Index | ASTM D2270 | 118 | 108 | 103 | 101 | 100 |
| Sulphated Ash wt% | ASTM D874 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 |
| Total Base Number | ASTM D2896 | | | | | |
| (TBN) mg KOH/g | | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 |
| Flash Point, °C | ASTM D92 | 212 | 232 | 240 | 246 | 256 |
| Pour Point, °C | ASTM D97 | -33 | -27 | -27 | -21 | -18 |

Health & Safety

Based on available toxicological information, these products produce no adverse effects on health when properly handled and used. No special precautions are suggested beyond attention to good personal hygiene, including laundering oil-soaked clothing and washing skin contact areas with soap and water. Additional health and safety information on these products, including Material Safety Data Bulletins, is available on request from your local Mobil company.