

# ENGINE OILS

## **HiTEC<sup>®</sup> 12320**

**Heavy Duty Engine Oil Additive Package**



Providing a cost-effective formulation for the challenging  
ACEA E8 category

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### Key Performance Benefits

HiTEC® 12320 is for mixed fleet operators and independent workshops looking for a competitive edge through a cost-effective, high performance lubricant. It is the assured choice for light and medium commercial vehicles that are just out of warranty, that operate within the most demanding conditions associated with urban delivery environments. HiTEC® 12320 will minimise time off the road and keep trucks moving, delivering robust performance to the last mile.

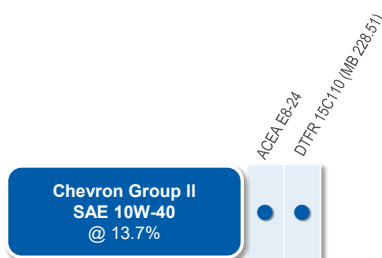
HiTEC® 12320 delivers Top Tier ACEA E8-24 and Daimler DTFR 15C110 (MB 228.51) specifications at a competitive treat-rate.

Formulation benefits include:

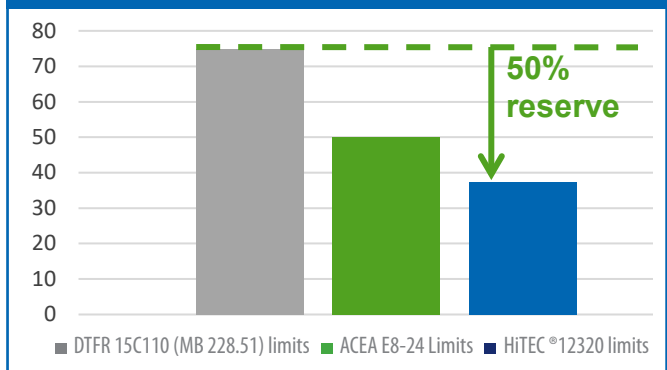
- Full Chevron Grp II formulation
- SAE 10W-40 grade for out-of-warranty top tier requirements in Europe
- HiTEC® 5748 OCP VM, allowing rationalization of VMs across multiple heavy duty engine oil additives and passenger car motor oil additives from Afton
- No PAO requirement

### Recommended Dosage

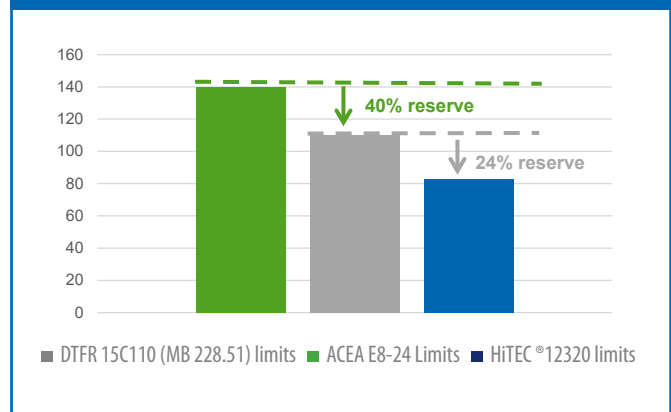
A competitive treat-rate alongside HiTEC® 5748 viscosity modifier and Chevron Grp II base oil, to enable ACEA E8-24 and DTFR 15C110 (MB 228.51) performance. Contact your Afton Chemical Sales Representative for more information.



### Volvo T-13 Kinematic viscosity increase (40°C), %



### OM 646 LA Cam wear outlet, µm



### Typical Characteristics

|                                    |                           |
|------------------------------------|---------------------------|
| Appearance:                        | Dark brown viscous liquid |
| Density at 15°C, g/ml:             | 0.954                     |
| Flash Point, °C (PMCC):            | 135                       |
| Kinematic Viscosity at 100°C, cSt: | 127                       |
| Total Base Number, mg KOH/g:       | 62                        |

### Handling Information

Max Handling Temp: 70 °C  
Shelf Life: 24 months at ambient temperature