

**Asphalt Cements (Specification 5.7 Supply of Asphalt ASPH-1, ASPH-2, ASPH-3, AASHTO M320)**

<b>Producers</b>	<b>Asphalt Grades<sup>1</sup></b>
Cenovus (formerly Husky) (Lloydminster, SK)	80-100A (PG 64-25), 120-150A (PG 58-31), 200-300A (PG 52-34), 300-400A (PG 46-37), PG 46-34, PG 52-34, PG 58-28,  PG 58-34, PG 58-37, PG 64-28, PG 64-34, PG 64-40, PG 64-37, PG 70-28, PG 76-28
Imperial (Edmonton, AB)	80-100A, 120-150A, 200-300A, 300-400A  PG 46-34, PG 52-34, PG 58-28
Calumet Montana Refining (Great Falls, Montana)	120-150A, 150-200A, 200-300A,  PG 52-34, PG 58-28, PG 58-34 PG 64-28, PG 64-34, PG 70-28
Moose Jaw Refining (Moose Jaw, SK)	150-200A, 200-300A, PG 58-34
<b>Terminal Suppliers</b>	<b>Asphalt Grades</b>
McAsphalt Industries Ltd. (Acheson, Calgary, Clairmont, Shepard, Sturgeon Industrial Park, AB; Macklin, SK)	Remarket grades from approved Producers plus: PG 52-37, PG 58-34, PG 58-37, PG 58-40, PG 64-28, PG 64-34, PG 64-37, PG 70-28, PG 70-31, PG 76-28
Lafarge Asphalt Technologies (Clover Bar, AB)	Remarket grades from approved Producers plus: PG 46-34, PG 52- 34 PG 58-28, PG 58-34, PG 64-34, PG 64-28
Cenovus (formerly Husky/Pounder Emulsions)	Remarket grades from approved Producers plus: PG 64-40

**Note** <sup>1</sup>- Since 2013 all paving grade asphalts are to be Performance Grade (PG)

**Producers** – Refineries which product asphalt products

**Terminal Suppliers** – A non-refiner that supplies grades obtained from approved Producers. Also may have the ability to produce engineered asphalts through polymer or chemical modification. Terminal Suppliers may also supply the following “straight run” asphalts if obtained from an approved Producer – PG 58-28, PG 52-34 and PG 46-34.

**Emulsified Asphalt**

**Anionic (Specification 5.7 Supply of Asphalt ASPH-7)**

<b>Producers</b>	<b>Asphalt Type</b>
McAsphalt	RS-1, RS-2, MS-1, SS-1, SS-1H, HP-200P
Cenovus (formerly Husky/Pounder Emulsions)	RS-1, RS-2, MS-1, SS-1, SS-1H
Western Asphalt Products	SS-1, SS-1H, HF-150P, MS-1,

**Cationic (Specification 5.7 Supply of Asphalt ASPH-8)**

<b>Producers</b>	<b>Asphalt Type</b>
McAsphalt	RS-1K, CSS-1, CRS-2, CRS-2P, QS-Kh, CQS-1H, CQS-1HP
Cenovus (formerly Husky/Pounder Emulsions)	RS-1K, CRS-2, CRS-2P, CQS-1H, CQS-1HP
Western Asphalt Products	CRS-2, CRS-2P, CQS-1HP, CSS-1H, CQF-1H

**High Float (Specification 5.7 Supply of Asphalt ASPH-9)**

<b>Producers</b>	<b>Asphalt Type</b>
McAsphalt	HF-100S, HF-150S, HF-250S, HF-350S, HF-300M, HF-500M, HF-1000M
Cenovus (formerly Husky/Pounder Emulsions)	HF-100S, HF-150S, HF-250S, HF-350S, HF-500M, HF-1000M
Western Asphalt Products	HF-150S, HF-250S,

**Primers (Specification 5.7 Supply of Asphalt ASPH-10)**

<b>Producers</b>	<b>Asphalt Type</b>
McAsphalt	SEP-1, SEP-2

**Proprietary Primers and Tack Coats**

<b>Producers</b>	<b>Asphalt Type</b>
Cenovus (formerly Husky/Pounder Emulsions)	EAP-2 Prime, TackMax
McAsphalt	Colasphalt Prime & Colasphalt Tack

**Proprietary Spray Patch**

<b>Producers</b>	<b>Asphalt Type</b>
Cenovus (formerly Husky/Pounder Emulsions)	WSPE-1
McAsphalt	CSPE-1
Western Asphalt Products	WSPE-1

**Liquid Asphalt**

**Slow Curing (Specification 5.7 Supply of Asphalt ASPH-4)**

<b>Producers</b>	<b>Asphalt Type</b>
Cenovus (formerly Husky)	SC-70, SC-250, SC-800, SC-3000
Imperial	SC-70, SC-250, SC-800, SC-3000
Moose Jaw	SC-70, SC-250, SC-800, SC-3000
Western Asphalt Products	SC-250, SC-3000

**Medium Curing (Specification 5.7 Supply of Asphalt ASPH-5)**

<b>Producers</b>	<b>Asphalt Type</b>
Cenovus (formerly Husky)	MC-30, MC-70, MC-250, MC-800
Imperial	MC-30, MC-70, MC-250, MC-800
Moose Jaw	MC-30, MC-70, MC-250, MC-800

**Rapid Curing (Specification 5.7 Supply of Asphalt ASPH-6)**

<b>Producers</b>	<b>Asphalt Type</b>
Imperial	RC-30, RC-70, RC-250
Moose Jaw	RC-30, RC-70, RC-250

**Cold Pour Rubber Filled Crack Sealant  
(Specification 5.7 Supply of Asphalt ASPH-12)**

<b>Producers</b>	<b>Asphalt Type</b>
Cenovus (formerly Husky/Pounder Emulsions)	EC 101
McAsphalt	EC 101
Western Asphalt Products	EC 101

**Warm Mix Asphalt (WMA) – Additives (Also Known as Compaction Aids)**

<b>REVIEWED PRODUCTS</b>	
<ul style="list-style-type: none"> <li>• Cecabase RT<sup>1</sup></li> <li>• Sasobit</li> <li>• Evotherm<sup>1</sup></li> <li>• Zycotherm EZ<sup>1</sup></li> <li>• Zycotherm<sup>1</sup></li> <li>• Zycotherm SP<sup>1</sup></li> <li>• Zycotherm SP2<sup>1</sup></li> </ul>	<ul style="list-style-type: none"> <li>• Rediset WMX<sup>1</sup></li> <li>• Rediset LQ<sup>1</sup></li> <li>• Sonnewarm</li> <li>• CWM<sup>1</sup></li> <li>• Chemoran CWM-P<sup>1</sup></li> <li>• Warm Grip N1<sup>1</sup></li> <li>• Anova 1501 WMA<sup>3</sup></li> </ul>
<p>Notes:</p> <p>1 - A chemical WMA additive which claims to have asphalt anti-strip properties.</p> <p>2 - Plant based foaming systems using water injection are not listed here. The Department expectation is that these WMA systems will be properly designed, installed, calibrated and operated according to the manufacturers' recommendations and industry best practices.</p> <p>3. – Bio-based product</p>	

**Liquid Anti-Strip Additives**

<b>REVIEWED PRODUCTS</b>	
<p><b>Group A</b></p> <ul style="list-style-type: none"> <li>• Redicote C 2914</li> <li>• AD Here 77-00</li> <li>• AD-Here LOF</li> <li>• MORLIFE 5000</li> <li>• Pavegrip</li> <li>• Pave Bond Lite</li> <li>• Cargill Anova 1400 &amp; 1410</li> <li>• KO-here AS-700</li> <li>• Novagrip 975, 1016, 1212</li> <li>• Innovalt W</li> <li>• Kao Gripper X2</li> <li>• Anova 1501 WMA<sup>3</sup></li> <li>• Chemoran CWM-P</li> <li>• Evotherm</li> </ul>	<p><b>Group B</b></p> <ul style="list-style-type: none"> <li>• Zycotherm EZ</li> <li>• Zycotherm</li> <li>• Zycotherm SP</li> <li>• Zycotherm SP2</li> </ul>
<p>Notes:</p> <p>1- Group A dosage rates are typically within the range of 0.3% to 0.5% by weight of binder.</p> <p>2- Group B dosage rates are typically within the range of 0.05% to 0.2% by weight of binder.</p> <p>3- Bio-based product.</p>	

**Asphalt Rejuvenating Agents**

<b>REVIEWED PRODUCTS</b>	
Cargill Anova Asphalt Rejuvenator	
Notes: Typically added to asphalt mixes containing RAS (asphalt shingles) or high RAP (reclaim asphalt) content.	